



POWERS ELEVATION

OIL WELL ELEVATIONS — LOCATIONS  
ENVIRONMENTAL — ARCHAEOLOGICAL SERVICES  
600 SOUTH CHERRY STREET, SUITE 1201  
DENVER, COLORADO 80222  
PHONE NO. 303/321-2217

November 16, 1983

Mr. C. Lee Mueller  
Calais Resources, Inc.  
5000 Lakeshore Drive  
Littleton, CO 80123

Dear Mr. Mueller:

On November 4, 1983, Brian O'Neil of Powers Elevation conducted a files search with Blaine Phillips of the Bureau of Land Management, Vernal District Office, prior to beginning field work on the Calais Resources, Inc., Horseshoe Bend 14-25. The files search revealed that the project area had been previously surveyed for cultural resources by Nickens and Associates in 1981 for the Bonanza Vernal Transmission Line (Survey No. 047-779). Therefore, no additional cultural resources work is presently necessary. If you have any questions or we can assist you further, please feel free to call anytime.

Sincerely,

*Marcia J. Tate*

Marcia J. Tate  
Manager  
Archaeology Department

MJT:sr

cc: Mr. Blaine Phillips, BLM, Vernal District  
Mr. Brian O'Neil, M.A., District Archaeologist

enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Calais Resources, Inc.

## 3. ADDRESS OF OPERATOR

c/o William M. Berryman, 423 University Bldg.  
910 16th St., Denver, CO 80202

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface 674' FSL 774' FWL (SW SW) Sec. 25 T6S

R22E

At proposed prod. zone

same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

16 miles SE of Vernal, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

674'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

7500'

## 16. NO. OF ACRES IN LEASE

1800

## 19. PROPOSED DEPTH

3600'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

## 22. APPROX. DATE WORK WILL START\*

1-2-84

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	200	Circ. to surface
7 7/8	5 1/2	15.5	3600	Sufficient to seal all productive zones

See Attached

- 1) Ten Point Drilling Program
- 2) Multipoint Surface Use and Operation Plan
- 3) Cultural Resource Survey Report

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED William M. Berryman TITLE Agent DATE 1-2-84

(This space for Federal or State office use)

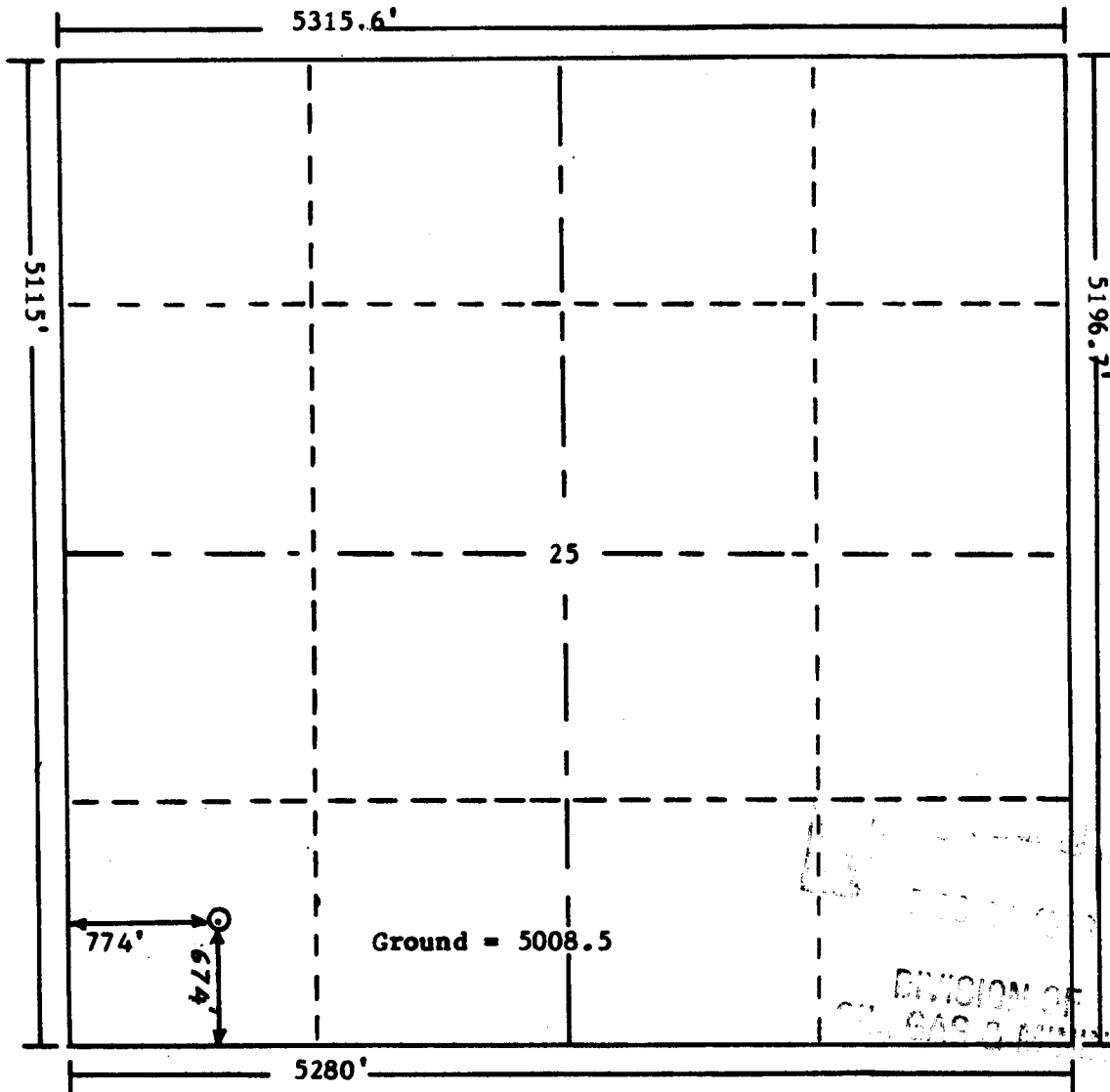
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 12-22-82

CONDITIONS OF APPROVAL, IF ANY:



R. 22E.



T. 6 S.

Scale... 1" = 1000'

**Powers Elevation of Denver, Colorado**

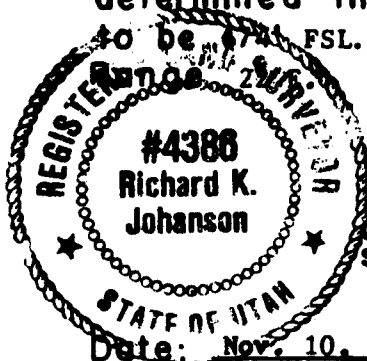
has in accordance with a request from Lee Mueller  
for Calais Resources, Inc.

determined the location of 14-25 Horseshoe Bend Federal  
to be 674' FSL. & 774' FWL.

Section 25 Township 6 S.

of the Salt Lake Base &  
Uintah County, Utah.

Meridian

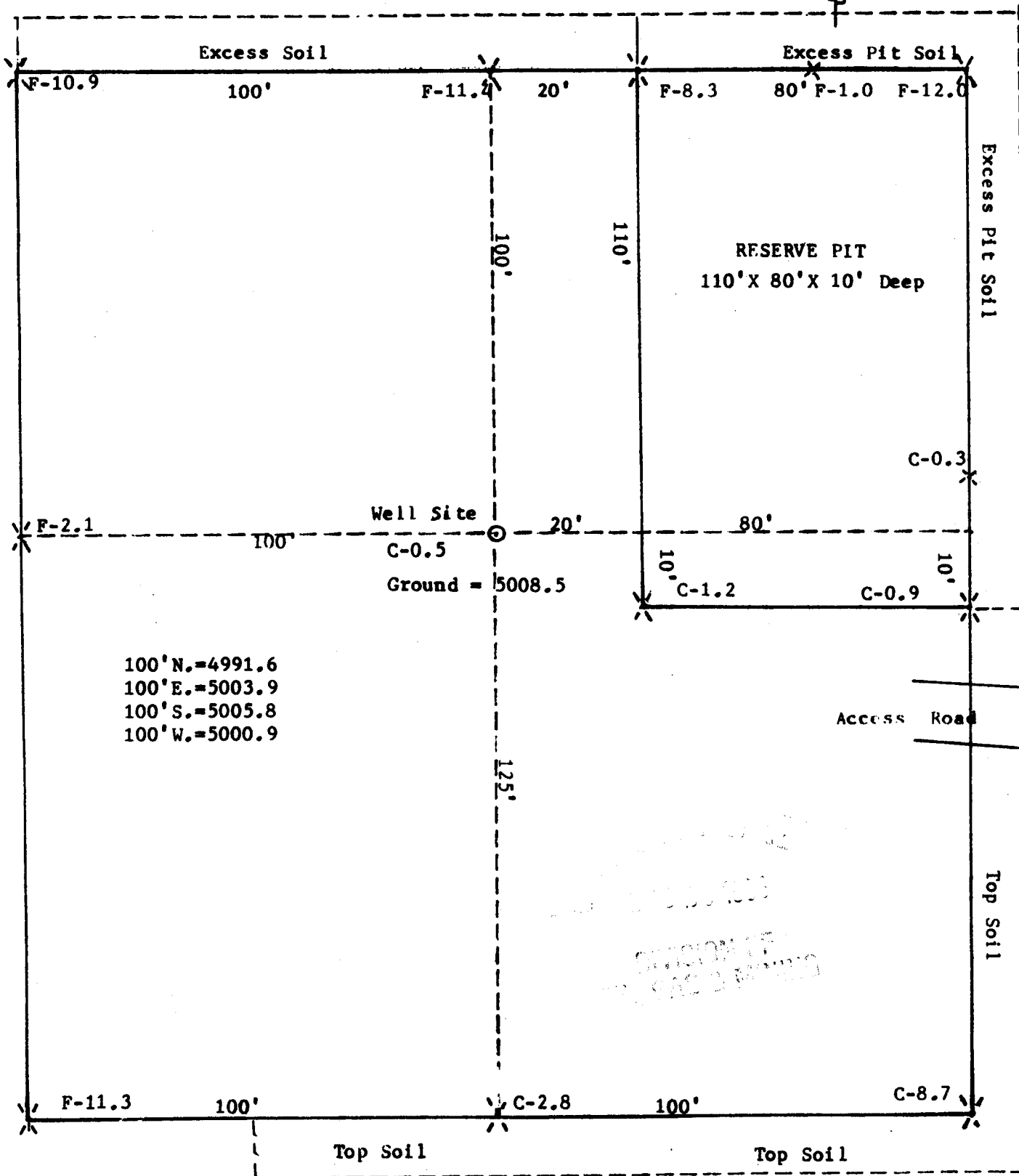


I hereby certify that this plat is an  
accurate representation of a correct  
survey showing the location of  
# 14-25 Horseshoe Bend

Date: Nov. 10, 1983

Licensed Land Surveyor No. 4386  
State of Utah.

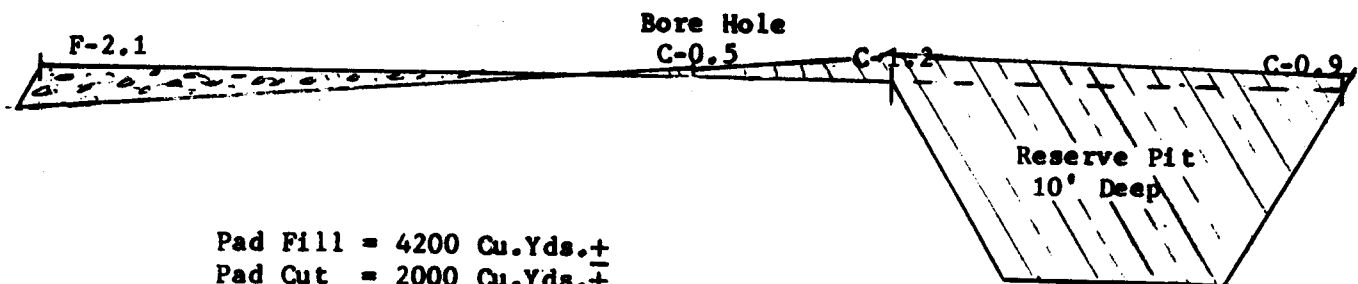
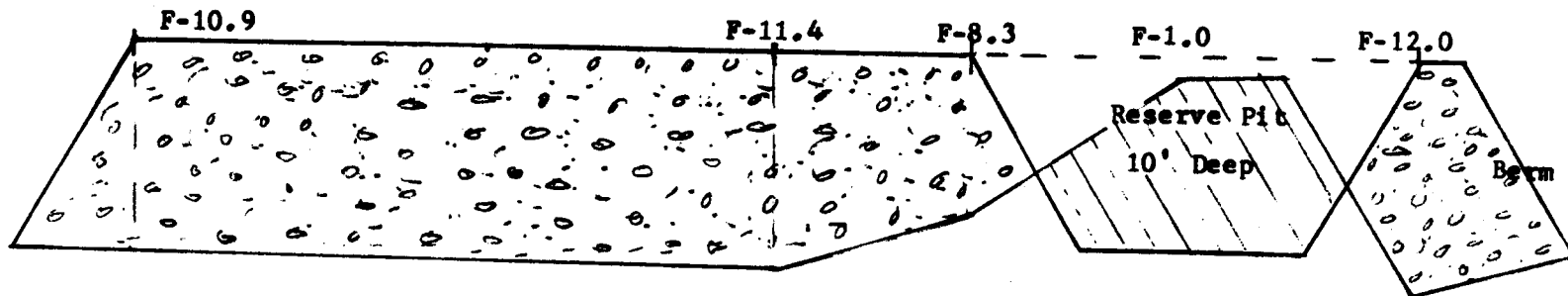
CALAIS RESOURCES INC.  
Horseshoe Bend Federal  
#14-25 Sec.25,T6S.,R22W.  
674' FSL.& 774' FWL.  
Uintah County, Utah.



Prepared by:  
R. Johanson  
Powers Elevation  
No. 10 198

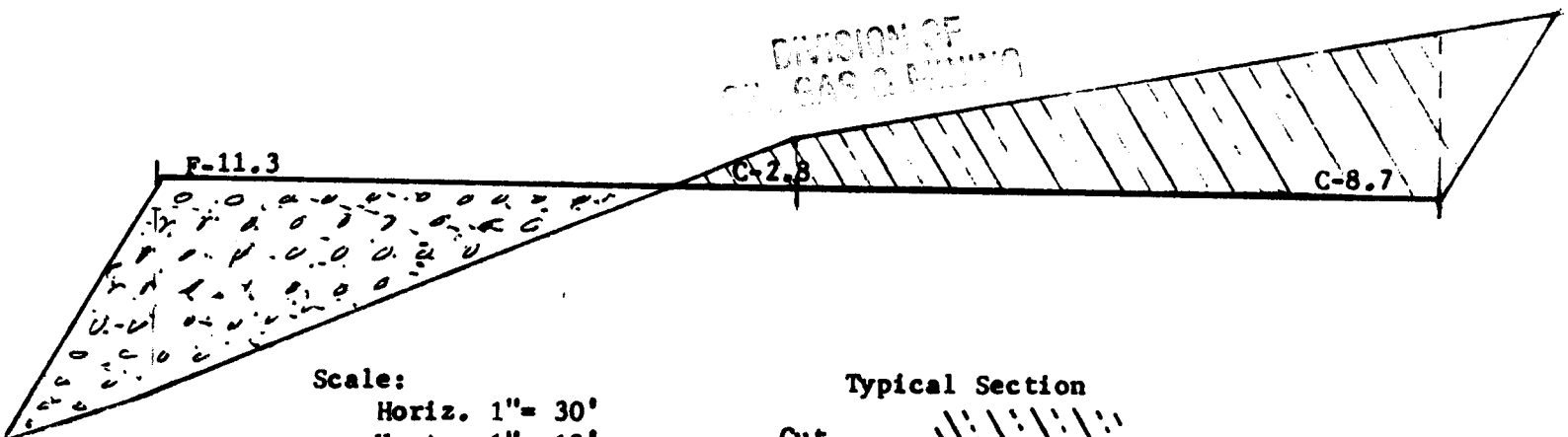
CALAIS RESOURCES INC.  
Horseshoe Bend Federal  
Uintah County, Utah.  
#14-25 Sec.25, T6S., R22W.  
674' FSL. & 774' FWL.

CROSS SECTIONS



Pad Fill = 4200 Cu.Yds.+  
Pad Cut = 2000 Cu.Yds.+  
Pit Cut = 1900 Cu.Yds.+

DIVISION OF  
OIL, GAS & MINING



Scale:  
Horiz. 1" = 30'  
Vert. 1" = 10'

Typical Section

Cut  
Fill

Prepared by:  
R. Johanson  
Powers Elevation  
N 10.198

## TEN POINT PROGRAM

### 1) GEOLOGIC SURFACE FORMATION

The surface formation is Uinta.

### 2 & 3) GEOLOGIC MARKERS AND PRODUCTIVE INTERVALS

<u>Formation</u>	<u>Estimated Top</u>	<u>Possible Production</u>
Uinta "B" Marker	3010	
Uinta Green River Transition	3365	H
Green River	3515	H
T. D.	3600	

W = water      H = Hydrocarbon (oil or gas)      C = Coal      S = Steam

### 4) CASING PROGRAM

<u>Hole Size</u>	<u>Casing Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Thrd &amp; Cond</u>	<u>Depth</u>
12 1/4	8 5/8	K-55	24.0	STC	200'
7 7/8	5 1/2	K-55	15.5	STC	TD

### 5) CONTROL EQUIPMENT SPECIFICATIONS

As checked below the following equipment will be utilized for detection and control during the drilling operation.

#### BLOW OUT PREVENTORS

Size 10"      Pressure Rating 3000 PSI

Pipe Rams 4 1/2      Blind Rams yes      Pipe Rams no

Annular Preventor no

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Rotating Head No

Kill Line Size 2" x 3000 PSI Valves 2" x 3000 PSI Check 2" x 3000 PSI

MANIFOLD

Size 2" Valves 2" Pressure 3000 PSI

Positive Choke yes Adjustable Choke yes

Hydraulic Choke no

Power Operated Valve no

See Exhibit I attached for additional detail BOP Equipment will be installed prior  
to drilling below 8 5/8" casing, BOP's and casing will be tested to 1000 PSI using rig  
pump.

6) DRILLING FLUIDS

<u>Interval</u>	<u>Type Fluid</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
0-200'	Gel-Lime	9.0	35-40	N/C	
200-TD	Low solids Non dispersed	8.6 - 9.0	27-29	12-15	

Possible Sub Normal Pressured Zones Green River

Possible Abnormal Pressured Zones None

7) AUXILIARY EQUIPMENT

Upper Kelly Cock yes

Lower Kelly Cock no

Floor Valve DP yes

Floor Valve DC yes

Float in DC per contractor specifications

Inside BOP (Dart Valve) no

## ADDITIONAL DETECTION EQUIPMENT & SERVICE

Mud Logging Unit NO  
Pit Volume Totalizer no  
Flow Line Sensor no  
Flow Line Temperature no  
Sour Gas Detector no  
Pump Stroke Counter no  
Degasser no  
Mud Gas Separator no  
Drilling Data Unit no  
Other none

11-24-84  
L.S. 070-17 (30)

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### 8) EVALUATION

#### A) Testing

All significant hydrocarbon shows will be drill stem tested. There will probably be 2 DST's

#### B) Logging

<u>Depth</u>	<u>Electric Wireline Logs</u>	<u>Interval</u>
Total Depth	DIL/GR, FDC/CNL	200'-TD

#### C) Coring

<u>Formation</u>	<u>Type Core</u>	<u>Analysis</u>
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none



9) DRILLING HAZARDS

10) STARTING DATE 12/20/83 DURATION 8 DAYS.

DRILLING PROGRAM PREPARED BY: C. LEE MUELLER

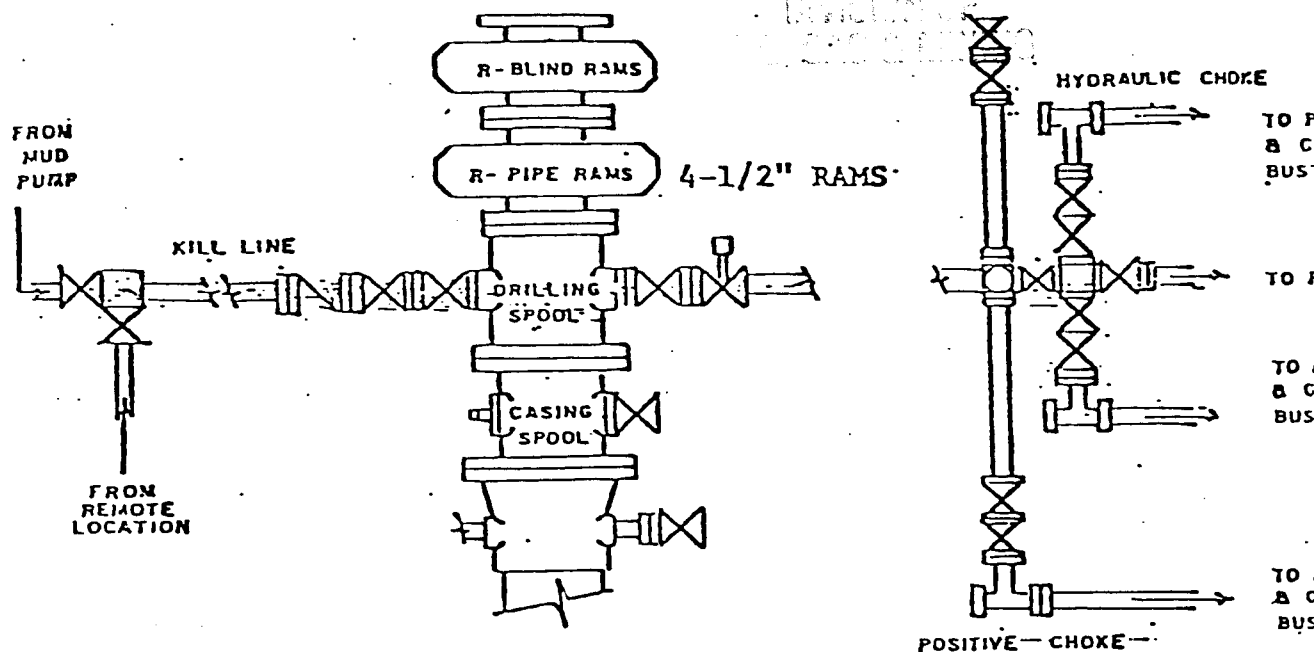
  
C. LEE MUELLER

RECEIVED  
NOV 20 1983  
U.S. DEPARTMENT OF  
ENERGY  
WASHINGTON, D.C.

(EXHIBIT 1)

3000 psi

psi Working Pressure BOP's



Note: Pipe rams to be operated daily. Blind rams to be operated each trip.

#### Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
  - a) inside blowout preventer
  - b) lower kelly cock
  - c) upper kelly cock
  - d) stand pipe valve
  - e) lines to mud pump
  - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure..
- 8) Test kill line valves to rated pressure.

1) EXISTING ROADS

See attached topographic maps A & B. Directions: take Highway 40 south from Vernal. Continue south when highway 40 veers east for a total of 12 miles. The road presently runs 1/4 mile west of the location, so new road construction is needed.

2) PLANNED ACCESS ROAD

Onsite inspection field comments:

DEC 23 1963  
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## 2) PLANNED ACCESS ROAD

See attached topographic map A. It will be necessary to construct approximately .25 miles of new road to connect the existing road with the proposed location. Construction of the new road will meet the following standards.

Maximum grade should not exceed 7% (7' per 100). The trail will be an 18" crown road (9' on either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run off from any normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

No major cuts or fills appear necessary. No culverts will be needed. See Topo Map B.

The grade of this road will be constructed from native borrow accumulated during construction.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements with a new gate installed at one end of the cattleguard.

Onsite inspection field comments:

3) LOCATION OF EXISTING WELLS

Within a one mile radius the following wells are identified by category and listed below.

1. Water wells - none
2. Abandoned wells - producing - none  
  
Dry holes - NWNE 34-6S-22E  
              SESE 26-6S-22E
3. Temporarily abandoned wells - none
4. Disposal wells - none
5. Drilling wells - none  
Locations: SWSW 25-6S-22E  
              SWSW 27-6S-22E  
              SWSW 35-6S-22E
6. Producing wells - none
7. Shut-in wells - none
8. Injection wells - none
9. Monitoring or observation wells - none

4) LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no Calais Resources, Inc. batteries, production facilities, oil gathering lines, gas gathering lines, injection or disposal lines within a two mile radius.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with the native materials and if these materials are not available, then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

The rehabilitation of the disturbed area that is not required for the production of this well will meet the requirements of Items #7 and #10 and these requirements and standards will be adhered to.

If production facilities are necessary, these facilities will be constructed as shown in Figure 1.

Onsite inspection field comments:

5) LOCATION AND TYPE OF WATER SUPPLY

Water will be hauled from the Green River by truck. A state water permit will be provided by the trucking firm.

The existing roads and proposed roads previously noted will be all that are needed. No water well will be drilled for this operation.

Onsite inspection field comments:

6) SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required the appropriate actions will be taken to acquire them from private sources.

7) METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet. A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals. A test tank will be used to contain produced fluids.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, domestic animals.

On the onset of drilling, this reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

Trash will be placed in a completely enclosed container and hauled off the location.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.



8) ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9) WELL SITE LAYOUT

See attached Location Layout Sheet. The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area. Then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10) PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9.) When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

As mentioned in Item #7, the reserve pit will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin as soon as possible after the reserve pit has dried up, and will be completed without undue delay.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11) OTHER INFORMATION

The drillsite is located in an area of moderate slope (see cross section). The Surface is the Uinta formation, light brown sandy clay with sparse sagebrush cover. There are no trees on the proposed location.

General use of the surface is grazing. The new road and location are federally owned.

An archeological report will be filed on this prospect under separate cover.

The closest water is located in the Green River.

Onsite inspection field comments:

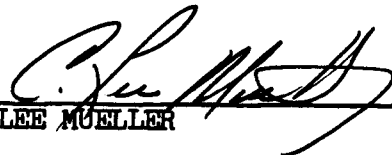
12) LESSEE'S OR OPERATOR'S REPRESENTATIVE

C. Lee Mueller  
5000 Lakeshore Drive  
Littleton, Colorado 80123  
  
Telephone - 303-795-7665

William M. Berryman  
Calais Resources, Inc.  
423 University Building  
910 16th Street  
Denver, Colorado 80202  
  
Telephone - 303-629-1523

13) CERTIFICATION

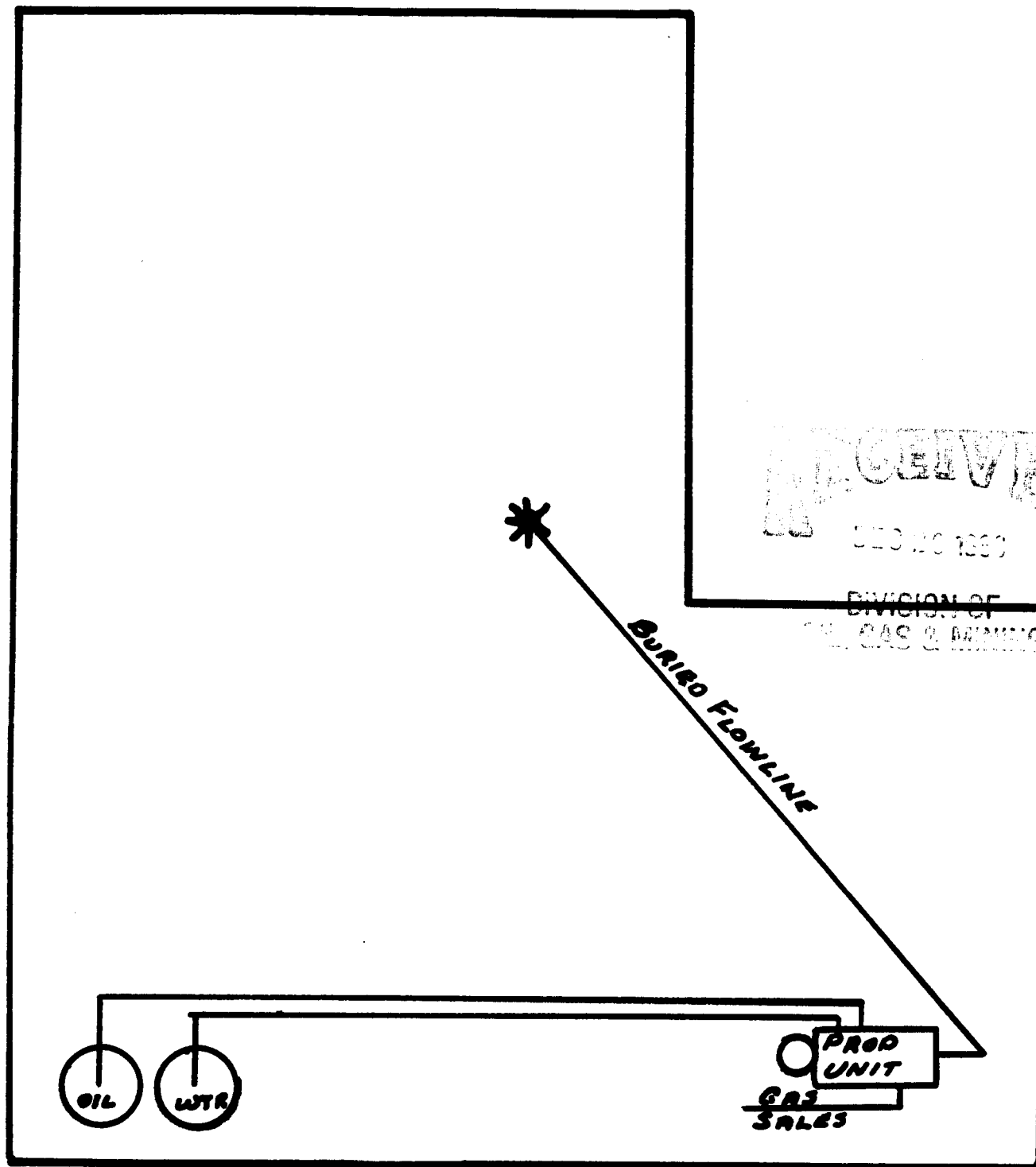
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route. That I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Calais Resources, Inc. and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

  
C. LEE MUELLER

I hereby certify that C. Lee Mueller as my agent, has prepared the drilling program, Application for Permit to Drill and supplemental information contained herein. I have reviewed this application and hereby acknowledge that the plans, terms and conditions outlined herein will be performed by Calais Resources, Inc.

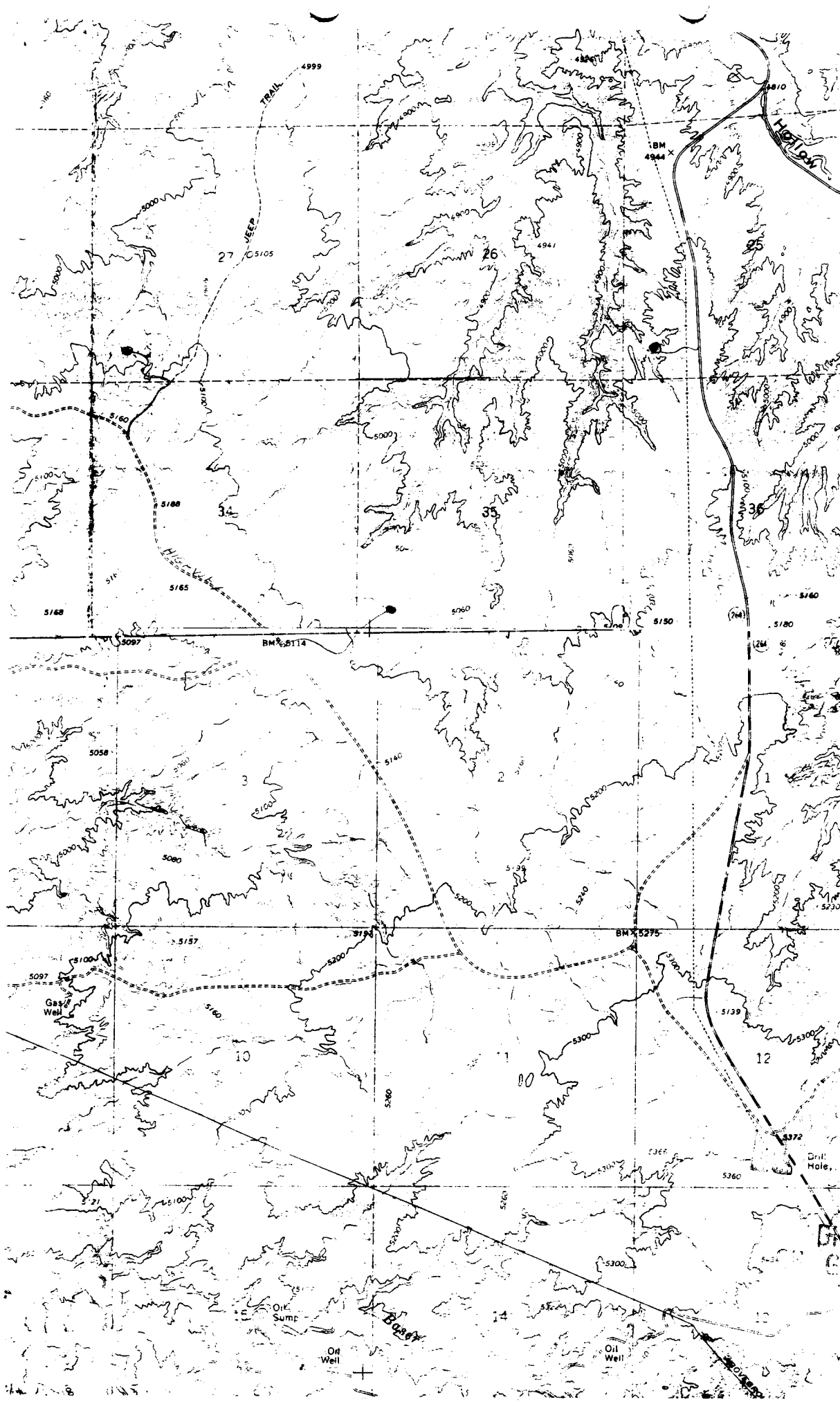
  
WILLIAM M. BERRYMAN

CALAIS RESOURCES, INC.  
HORSESHOE BEND FEDERAL  
UINTAH CO. UTAH



RECEIVED  
DEC 20 1980

DIVISION OF  
OIL, GAS & MINING





OPERATOR CALAIS RESOURCES INC DATE 12-22-83

WELL NAME HORSESHOE BEND FED, 14-25

SEC S14SW25 T 6S R 22E COUNTY UTAH

43-047-3424

API NUMBER

FED

TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

MAP

☐

HL

☐

NID

☐☐

PI

PROCESSING COMMENTS:

NO GAS WELLS WITHIN 4760'

NEW OPERATOR

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 12-22-83

BY: [Signature]

CHIEF PETROLEUM ENGINEER REVIEW:

12/24/83

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

c-3-a

CAUSE NO. & DATE

☒

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

WATER

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER \_\_\_\_\_

☐ UNIT \_\_\_\_\_

☒ c-3-b

☐ c-3-c

☒ CHECK DISTANCE TO NEAREST WELL.

☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

☒ VERIFY LEGAL AND SUFFICIENT DRILLING WATER



December 22, 1983

Calais Resources, Inc.  
c/o Williams M. Berryman  
423 University Bldg.  
910 16th Street  
Denver, Colorado 80202

RE: Well No. Horseshoe Bend Fed. 14-25  
SWSW Sec. 25, T. 6S, 22E  
674' FSL, 774' FWL  
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure. Prior to spudding, a copy of the Utah Division of Water Rights (Phone No. 801-533-6071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:


RONALD J. FIRTH - Chief Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31424.

Sincerely,

  
Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Branch of Fluid Minerals  
Encl.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-48356
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Calais Resources, Inc.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR c/o William M. Berryman, 423 University Bldg. 910 16th St., Denver, CO 80202		8. FARM OR LEASE NAME Horseshoe Bend Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 674' FSL 774' FWL (SW SW) Sec. 25 T65 R22E At proposed prod. zone same		9. WELL NO. 14-25
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 16 miles SE of Vernal, Utah		10. FIELD AND POOL, OR WILDCAT
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 674'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
16. NO. OF ACRES IN LEASE 1800		12. COUNTY OR PARISH
17. NO. OF ACRES ASSIGNED TO THIS WELL		13. STATE
18. DISTANCE FROM PROPOSED* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 7500'		14. DIVISION OF OIL & GAS
19. PROPOSED DEPTH 3600'		15. PRIMARY OR CABLE TOOLS Rotary
20. ELEVATIONS (Show whether DF, RT, GR, etc.)		21. APPROX. DATE WORK WILL START* 1-2-84

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	200	Circ. to surface
7 7/8	5 1/2	15.5	3600	Sufficient to seal all productive zones

See Attached

- 1) Ten Point Drilling Program
- 2) Multipoint Surface Use and Operation Plan
- 3) Cultural Resource Survey Report

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED William M. Berryman TITLE Agent DATE \_\_\_\_\_  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
DISTRICT MANAGER  
APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE 4/25/84  
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL  
ut 050-9-M-095CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPYNOTICE OF APPROVAL  
SUBJECT TO A.L.  
DATED 1/1/80

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Calais Resources Well No. 14-25  
Location Sec. 25 T 6S R 22E Lease No. U-48356  
Onsite Inspection Date November 28, 1983

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. All fresh water and prospectively valuable minerals (as described by BIM at onsite) encountered during drilling, will be recorded by depth, cased and cemented. All oil and gas shows will be tested to determine commercial potential.
2. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.
3. Mud Program and Circulating Medium:

The APD describes the mud weights and desired mud viscosities for the drilling project. No chromates are to be used without the approval of the Vernal Engineering Staff.

4. Coring, Logging and Testing Program:

Run adequate electric, sonic, radioactivity and caliper logs to identify prime oil shale zones and fresh water aquifers. Casing and cementing programs will be adjusted to protect oil and gas zones, other minerals and fresh water.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

5. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P. O. Box 2859, Casper, Wyoming 82602, and a copy forwarded to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than the first business day following the date on which the well is placed on production.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

(The following stipulations apply to the Surface Use Plan)

6. Planned Access Roads: About 1,200 feet of new road will be required.

- a. Width: An 18 foot wide crowned road on a 30 foot right-of-way.
- b. Maximum grades: 8 percent
- c. Turnouts: None planned
- d. Other: The road proposed is entirely on lease so no additional right-of-way application or fees will be involved. The road may be

located lower on the ridge to facilitate safe movement of rig equipment under the existing powerlines.

All travel will be confined to existing access road rights-of-way.

7. Location of Tank Batteries and Production Facilities:

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain  $1\frac{1}{2}$  times the storage capacity of the battery.

Tank batteries will be placed on the south side of the pad.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and anchored securely at the meter. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

Construction material will be located on lease.

8. Methods of Handling Waste Disposal:

The reserve pit will be lined with a suitable plastic liner.

Burning will not be allowed. All trash must be contained and disposed of by use of a trash cage during drilling operations and then hauled to an approved disposal site.

Produced waste water will be confined to this reserve pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

9. Well Site Layout:

The well site layout diagram describes the location layout adequately. The top 4-6" of topsoil would be stockpiled as indicated in that diagram.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

10. Plans for Restoration of Surface:

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed.

Portions of the pad and reserve pits not required for production facilities will be rehabilitated as indicated in the APD.

If the well is to be abandoned, then all disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseedling, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

The BLM will be consulted with regard to a suitable seed mixture and then seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

11. Other Information:

A general description of the location is given in the APD.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating

practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

An additional cultural resource clearance will not be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future drilling operations.

### CONDITIONS OF APPROVAL

The Vernal District Petroleum Engineers have reviewed the Application for Permit to Drill for technical adequacy and concur with the down hole portion of the request providing the following stipulations are included as a part of the approval:

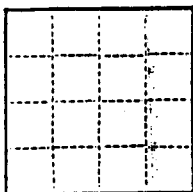
1. To be in accordance with API Bulletin RP 53, 3,000 psi BOP stacks must include an annular preventer. Prior to drilling out the surface casing shoe, ram-type preventers shall be tested to 2,000 psi, and the annular-type preventer shall be tested to 1,500 psi. The entire BOP system shall be operationally tested every 24 hours.
2. Cementing program shall be sufficient to cover the mahogany zone (oil shale zone) of the Green River formation.



Form 9-593  
(April 1952)

## UNITED STATES

Sec. 25


**RECEIVED**  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY  
 CONSERVATION DIVISION

T. 6S

R. 22E

SLB &amp; Mer.

APR 26 1984

## INDIVIDUAL WELL RECORD

PUBLIC LAND:

DIVISION OF OIL  
GAS & MINING

Date April 25, 1984

Ref. No.

Land office Utah State UtahSerial No. U-48356 County UintahLessee Regal USA, Inc. Field \_\_\_\_\_Operator Calais Resources, Inc. District VernalWell No. 14-25 Subdivision SW SWLocation 674' FSL & 774' FWLDrilling approved April 25, 1984 Well elevation 3600 feet

Drilling commenced \_\_\_\_\_, 19\_\_\_\_ Total depth \_\_\_\_\_ feet

Drilling ceased \_\_\_\_\_, 19\_\_\_\_ Initial production \_\_\_\_\_

Completed for production \_\_\_\_\_, 19\_\_\_\_ Gravity A. P. I. \_\_\_\_\_

Abandonment approved \_\_\_\_\_, 19\_\_\_\_ Initial R. P. \_\_\_\_\_

## Geologic Formations

## Productive Horizons

Surface

Lowest tested

Name

Depths

Contents

## WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.

## REMARKS

State Oil, Gas &amp; Mining

# JOHN P. LOCKRIDGE OPERATOR, INC.

July 26, 1984

Bureau of Land Management  
170 S. 500 E.  
Vernal, Utah 84078

Re: Designation of Operator  
Federal Lease No. U-48356  
Sundry Notice - Change of Operator  
Horseshoe Bend Federal #14-25, 25-T6S-R22E  
Horseshoe Bend Federal #14-35, 35-T6S-R22E  
Uintah County, Utah

Gentlemen:

A Designation of Operator, Form 9-1123, is submitted herewith in triplicate for Lease No. U-48356. The lessee, REGAL USA Inc. has designated John P. Lockridge Operator, Inc. as its operator and local agent for said lease.

Sundry Notices, Form 9-331, showing "Change of Operator" for the following two wells for which Calais Resources, Inc. made application to drill at sites on U-48356 are also enclosed.

Horseshoe Bend Federal #14-25 SW SW Section 25-T6S-R22E

Horseshoe Bend Federal #14-35 SW SW Section 35-T6S-R22E

Your approval of the Sundry Notice is requested.

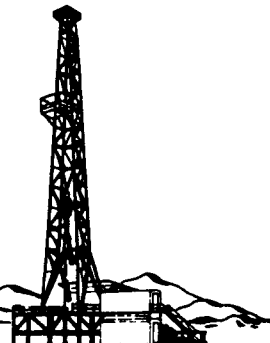
Respectfully submitted,

  
John P. Lockridge

JPL/sl

cc: Norman C. Stout  
Utah Natural Resources  
4241 State Office Building  
Salt Lake City, Utah 84114

William M. Berryman  
Calais Resources, Inc.  
Prima Energy Corporation



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well    gas ☒ well    other

2. NAME OF OPERATOR

John P. Lockridge Operator, Inc.

3. ADDRESS OF OPERATOR

1444 Wazee Street, Suite 218, Denver, Co. 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) SW SW Section 25-T6S=R22E

AT SURFACE:

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

(other) Change of Operator

SUBSEQUENT REPORT OF:

☐  
☐  
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☐  
☐  
☐  
☐  
☐

**RECEIVED**

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

JUL 30 1984

**DIVISION OF OIL  
GAS & MINING**

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

To change the operator from:  
Calais Resources, Inc.  
c/o William M. Berryman  
423 University Building  
910 16th Street  
Denver, Colorado 80202

to:

John P. Lockridge Operator, Inc.  
1444 Wazee Street, Suite 218  
Denver, Colorado 80202

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED John P. Lockridge TITLE President DATE 7/26/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: VERNAL, UTAH  
SERIAL NO.: U-48356

and hereby designates

NAME: JOHN P. LOCKRIDGE OPERATOR, INC.  
ADDRESS: 1444 WAZEE STREET, SUITE 218  
DENVER, COLORADO 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

T6S, R22E

Section 25: All

Section 26: N $\frac{1}{2}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$

Section 35: NE $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ , SE $\frac{1}{4}$

Containing 1800.00 acres, more or less,  
Uintah County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

REGAL USA INC.

  
(Signature of lessee)  
G.S. FLETCHER

President, REGAL USA INC.

736 6th Avenue S.W., Suite 1600, Calgary, Alberta  
(Address) T2P 3T6 CANADA

July 18, 1984

(Date)

RECEIVED

JOHN P. LOCKRIDGE OPERATOR, INC.

AUG 9 1984

DIVISION OF OIL  
GAS & MINING

August 6, 1984

State of Utah  
Department of Natural Resources  
4241 State Office Building  
Salt Lake City, Utah 84114

Re: Approval for Use of Water  
John P. Lockridge Operator, Inc.  
14-25 Horseshoe Bend  
SW SW 25-T6S-R22E  
Uintah County, Utah

Dear Sir:

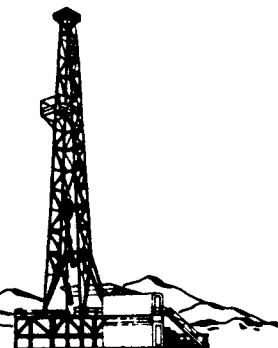
Enclosed please find an approved application for temporary use of water out of the Green River for drilling gas wells in the Horseshoe Bend area. The Temporary Application No. is 49-1326(T60065)

Respectfully submitted,

*John P. Lockridge*  
John P. Lockridge

JPL/sl

enclosure



JUN 20 1984

TEMPORARY

Application No. T 6006349-1326

TEMPORARY

APPLICATION TO APPROPRIATE WATER  
WATER RIGHTS STATE OF UTAH

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation ☐ Domestic ☐ Stockwatering ☐ Municipal ☐ Power ☐ Mining ☐ Other Uses ☒

2. The name of the applicant is John P. Lockridge AC 303+628-9371

3. The Post Office address of the applicant is 1444 Wazee, Suite 218, Denver CO 80202

4. The quantity of water to be appropriated \_\_\_\_\_ second-feet and/or 3 acre-feet

5. The water is to be used for gas well drilling from 7/1/84 to 6/30/85  
(Major Purpose) (Month) (Day) (Month) (Day)

other use period \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_  
(Minor Purpose) (Month) (Day) (Month) (Day)

and stored each year (if stored) from \_\_\_\_\_ to \_\_\_\_\_  
(Month) (Day) (Month) (Day)

6. The drainage area to which the direct source of supply belongs is \_\_\_\_\_  
(Leave Blank)

7. The direct source of supply is\* Green River  
(Name of stream or other source)

which is tributary to \_\_\_\_\_, tributary to \_\_\_\_\_

\*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Uintah County, situated at a point\*  
2400' FNL & 1700' FNL Section 7-T65-R22E,  
or 2400' <sup>East</sup> and 1700' <sup>South</sup> from the NW corner of said  
Section. correction 9/6/84 u

\*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of pumping the water from the Green River into water truck and hauling to drill rig location

10. If water is to be stored, give capacity of reservoir in acre-feet \_\_\_\_\_ height of dam \_\_\_\_\_  
area inundated in acres \_\_\_\_\_ legal subdivision of area inundated \_\_\_\_\_

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:  
Not applicable

\_\_\_\_\_ Total \_\_\_\_\_ Acres

12. Is the land owned by the applicant? Yes \_\_\_\_\_ No X If "No," explain on page 2.

13. Is this water to be used supplementally with other water rights? Yes \_\_\_\_\_ No X  
If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity. \_\_\_\_\_

15. If application is for mining, the water will be used in \_\_\_\_\_ Mining District at the \_\_\_\_\_ mine, where the following ores are mined \_\_\_\_\_

16. If application is for stockwatering purposes, number and kind of stock watered \_\_\_\_\_

17. If application is for domestic purposes, number of persons \_\_\_\_\_, or families \_\_\_\_\_

18. If application is for municipal purposes, name of municipality \_\_\_\_\_

19. If application is for other uses, include general description of proposed uses The drilling of oil and gas test wells in the Horseshoe Bend - Walker Hollow area.

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. Please see listing on reverse side

21. The use of water as set forth in this application will consume 3 second-feet and/or acre-feet of water and 0 second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows: \_\_\_\_\_

## EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

Drill site locations at which water is to be used:			SURFACE
SW SW 25-T65-R22E	#14-25 Horseshoe Bend		BLM
SW SW 27-T65-R22E	#14-27 Horseshoe Bend		BLM
SW NE 32-T65-R22E	#32-33 Horseshoe Bend		BLM
SW SW 35-T65-R22E	#14-35 Horseshoe Bend		BLM
SW NW 2-T75-R22E	#12X-2 Horseshoe Bend		Utah State
SW NE 3-T75-R22E	#32-3 Horseshoe Bend		BLM

Item 12: Answer "No". Explanation: We do not own the land but have the right to explore for and develop oil and gas.

The drilling contractor will be

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

*John P. Luchidge*  
Signature of Applicant

\*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

## DECLARATION OF CITIZENSHIP

STATE OF UTAH  
County of Beaver

ss

On the 25th day of JUNE, 1984, personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires: My Commission Expires Feb. 17, 1986  
1444 Wazee St., Suite 218  
Denver, Colorado 80202

(SEAL)

*Sarah-Lee Lillard*  
Notary Public

# FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.	Cost
0.0 to 0.1 .....	\$ 15.00
over 0.1 to 0.5 .....	30.00
over 0.5 to 1.0 .....	45.00
over 1.0 to 15.0 .....	45.00
over 15.0 .....	150.00

plus \$7.50 for each cfs above the first cubic foot per second.

## Storage — acre-feet

0 to 20 .....	22.50
over 20 to 500 .....	45.00
over 500 to 7500 .....	45.00
over 7500 .....	150.00

plus \$7.50 for each 500 a.f. above the first 500 acre feet.

(This section is not to be filled in by applicant)

## STATE ENGINEER'S ENDORSEMENTS

**TEMPORARY**

1. 6/20/84 Application received by mail over counter in State Engineer's office by CL
2. Priority of Application brought down to, on account of .....
3. 6-58-84 Application fee, \$15.00, received by J.H. Rec. No. 16002
4. Application microfilmed by ..... Roll No. ....
5. Indexed by ..... Platted by .....
6. Application examined by .....
7. Application returned, ..... or corrected by office .....
8. Corrected Application resubmitted by mail over counter to State Engineer's office.
9. Application approved for advertisement by .....
10. Notice to water users prepared by .....
11. Publication began; was completed .....  
Notice published in .....
12. Proof slips checked by .....
13. Application protested by .....
14. Publisher paid by M.E.V. No. ....
15. Hearing held by .....
16. Field examination by .....
17. 7/26/84 Application designated for approval rejection SG
18. 8/3/84 Application copied or photostated by SLM proofread by .....
19. 8/3/84 Application approved rejected
20. Conditions: .....

This Application is approved, subject to prior rights, as follows:

- a. Actual construction work shall be diligently prosecuted to completion.
- b. Proof of Appropriation shall be submitted to the State Engineer's office by NPR
- c. **TEMPORARY APPROVAL -- EXPIRES June 30, 1985.**

Dee C. Hansen  
Dee C. Hansen, P.E., State Engineer

21. Time for making Proof of Appropriation extended to .....
22. Proof of Appropriation submitted.
23. Certificate of Appropriation, No. ...., issued

**TEMPORARY**

Application No. 160045



## EXPLANATORY CONTINUED

## NOTICE TO APPLICANT

All waters in this state, whether above or under the ground, are the property of the public, subject to all existing rights to the use thereof. No appropriation of the unappropriated public water may be made and no rights to the use thereof shall be recognized except Application for such appropriation first be made to the State Engineer.

The approval of this Application is not a Certificate of Appropriation. It is merely your authority to begin construction work, which must be prosecuted diligently to completion. To secure a Certificate of Appropriation under this Application, Proof of Appropriation must be submitted within the time limit allowed by the State Engineer. The amount of water for which Certificate will be issued will depend upon the amount of water actually put to a beneficial use, not to exceed, however, the amount of water specified in this Application. Proof of Appropriation must be made in accordance with the requirements of the law. For further information write the State Engineer.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas well ☒ other

2. NAME OF OPERATOR  
John P. Lockridge Operator, Inc.

3. ADDRESS OF OPERATOR  
1444 Wazee Street, Suite 218, Denver, Co. 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
SW SW Section 25-T6S-R22E  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

SUBSEQUENT REPORT OF:

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐

(other) Submit data on BOP program and rig layout

5. LEASE  
U-48356

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
----

7. UNIT AGREEMENT NAME  
----

8. FARM OR LEASE NAME  
Horseshoe Bend Federal

9. WELL NO.  
14-25

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 25-T6S-R22E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
43-047-31424

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5008' Gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

To submit BOP diagram including annulus preventor which was not in original APD; and to submit rig layout sketch for rig now under contract for this location.

**RECEIVED**

AUG 15 1984

DIVISION OF OIL  
GAS & MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

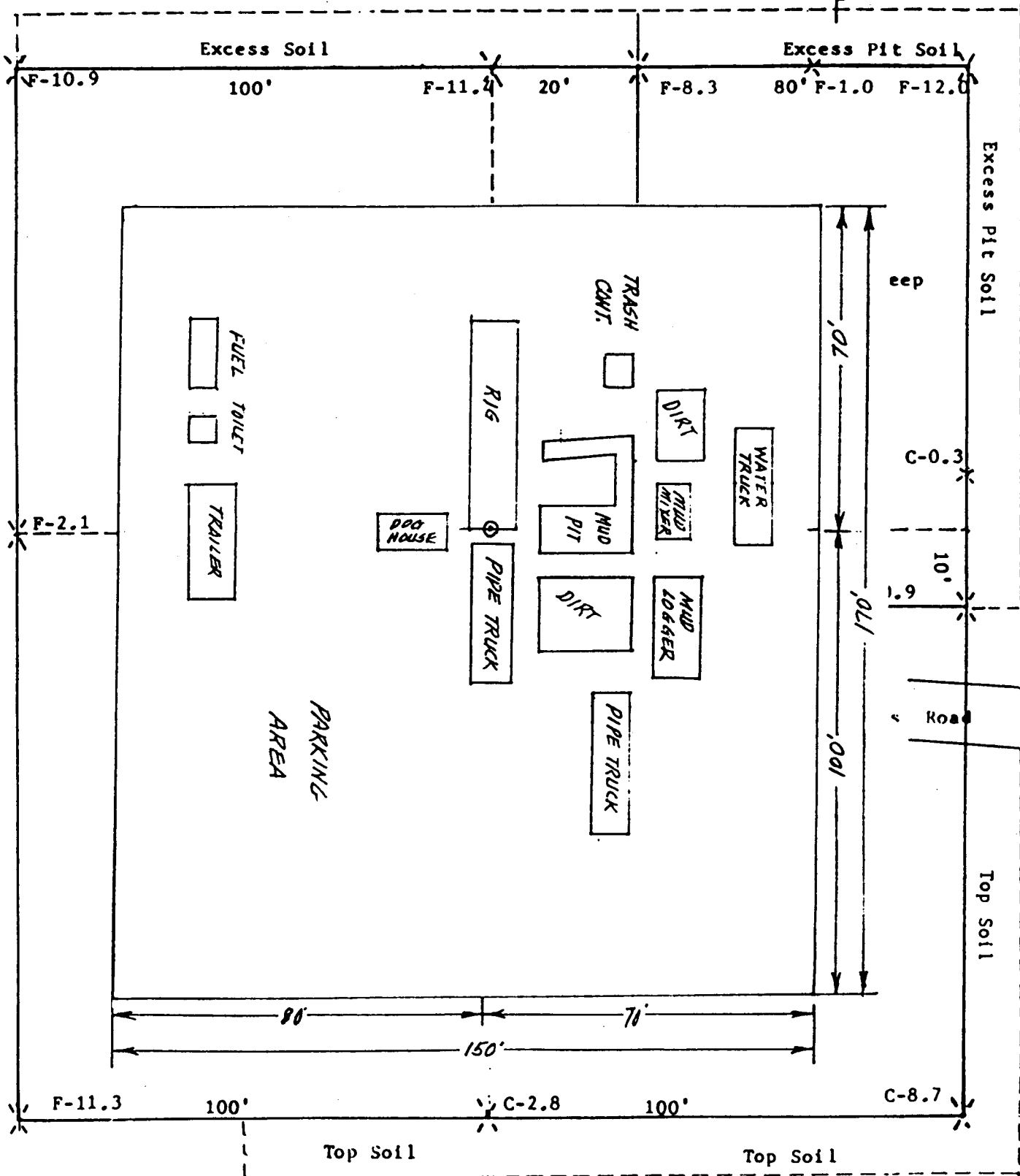
18. I hereby certify that the foregoing is true and correct

SIGNED John P. Lockridge TITLE President DATE 8/8/84  
John P. Lockridge

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

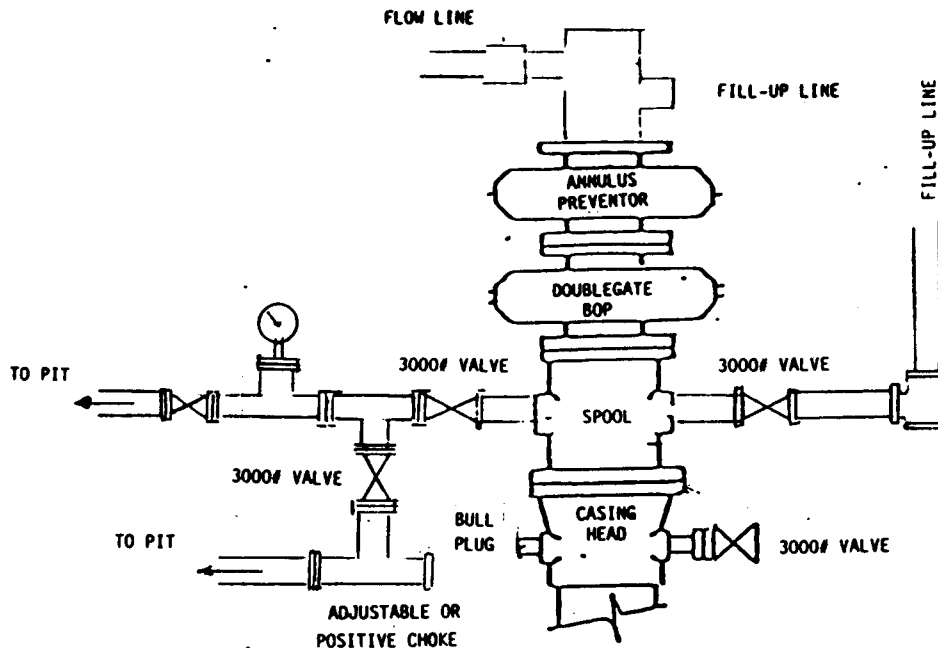
Horseshoe Bend Federal.  
#14-25 Sec.25,T6S.,R22W.  
674' FSL.& 774' FWL.  
Uintah County, Utah.



Prepared by:  
R. Johanson  
Powers & Felt

EXHIBIT 1

Sketch of Blowout Preventor  
3000 psi System



Note: Pipe rams to be operated daily. Blind rams to be operated each trip.

Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
  - a) inside blowout preventer
  - d) stand pipe valve
  - e) lines to mud pump
  - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well      gas ☒ well      other

2. NAME OF OPERATOR

John P. Lockridge Operator, Inc.

3. ADDRESS OF OPERATOR

1444 Wazee Street, Suite 218, Denver, Co. 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)      SW SW Section 25-T6S-R22E

AT SURFACE:

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

SUBSEQUENT REPORT OF:

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐

(other)      Change of hole and casing size

5. LEASE  
U-48356

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-----

7. UNIT AGREEMENT NAME  
-----

8. FARM OR LEASE NAME  
Horseshoe Bend Federal

9. WELL NO.  
14-25

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 25-T6S-R22E

12. COUNTY OR PARISH      13. STATE  
Uintah      Utah

14. API NO.  
43-047-31424

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5008.5' Gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Size of hole	Size of Casing	Weight per foot	Setting Depth	Quantity of Cement
6 3/4"	4 1/2"	10.5#	3475'	Circulate sufficient amount to seal all productive zones

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED John P. Lockridge TITLE President DATE 8/24/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED  
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE 8/24/84  
BY: John R. Bayne

Federal approval of  
this action is required.

## DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

API#43-047-31424

NAME OF COMPANY: JOHN P. LOCKRIDGE OPERATOR INC.WELL NAME: HORSESHOE BEND #14-25SECTION SWSW 25 TOWNSHIP 6S RANGE 22 E COUNTY Uintah

DRILLING CONTRACTOR \_\_\_\_\_

RIG # \_\_\_\_\_

SPUDDED: DATE 9-7-84TIME 10:00 PMHOW Dry Hole Digger

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Curlie Grimlie

TELEPHONE # \_\_\_\_\_

DATE 9-110-84 SIGNED RJF

✓ Drilled out below surface casing  
① 6AM, 10/4/84

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other
2. NAME OF OPERATOR  
John P. Lockridge Operator, Inc.
3. ADDRESS OF OPERATOR 80202  
1444 Wazee Street, Suite 218, Denver, CO
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SW SW Section 25-T6S-R22E  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- | REQUEST FOR APPROVAL TO:                      | SUBSEQUENT REPORT OF:    |
|---|--------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/>  | <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/>       | <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>     | <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/>          | <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE <input type="checkbox"/>    | <input type="checkbox"/> |
| CHANGE ZONES <input type="checkbox"/>         | <input type="checkbox"/> |
| ABANDON* <input type="checkbox"/>             | <input type="checkbox"/> |
- (other) Notification of spud date

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Drilling of the subject well was commenced 9/7/84. Drilled 12 1/4" hole to 240' with spudder rig. Ran 6 joints, 223' 8 5/8" casing and cemented with 135 sacks. Good circulation of cement to surface. Plug down at 4:00 pm, 9/7/84.

RECEIVED

OCT 4 1984

DIVISION OF OIL  
& GAS MINING  
Set @

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED John P. Lockridge TITLE President DATE 10/1/84

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

# JOHN P. LOCKRIDGE OPERATOR, INC.

January 18, 1985

Bureau of Land Management  
170 S. 500 E.  
Vernal, Utah

Re: John P. Lockridge Operator, Inc.  
#14-25 Horseshoe Bend Federal  
SW SW Section 25-T6S-R22E  
Uintah County, Utah  
Completion Report

Gentlemen:

Enclosed is a completion report on the captioned well for your records. Logs and a well history are also enclosed.

Yours truly,

  
John P. Lockridge

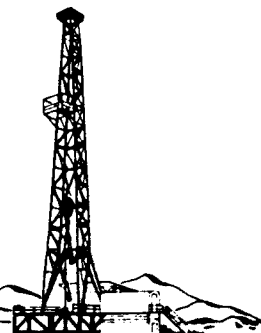
JPL/sl

Enclosure

cc: State of Utah  
Division of Oil Gas and Mining

RECEIVED  
JAN 21 1985

OIL GAS & MINING





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-48356	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----	
2. NAME OF OPERATOR John P. Lockridge Operator, Inc.		7. UNIT AGREEMENT NAME -----	
3. ADDRESS OF OPERATOR 1444 Wazee Street, Suite 218, Denver, Colorado 80202		8. FARM OR LEASE NAME Horseshoe Bend Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface SW SW Section 25-T6S-R22E 674' FSL & 774' FNL At top prod. interval reported below At total depth		9. WELL NO. 14-25	
14. PERMIT NO. API 43-047-31424		10. FIELD AND POOL, OR WILDCAT Wildcat	
DATE ISSUED 4/25/84		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 25-T6S-R22E	
12. COUNTY OR PARISH Utah		13. STATE Utah	
15. DATE SPUDDED 9/7/84		18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 5008 GL, 5013 KB	
16. DATE T.D. REACHED 10/15/84		19. ELEV. CASINGHEAD 5009	
17. DATE COMPL. (Ready to prod.) 11/13/84		20. TOTAL DEPTH, MD & TVD 3450'	
21. PLUG, BACK T.D., MD & TVD BP @ 3180		22. IF MULTIPLE COMPL., HOW MANY? No	
23. INTERVALS DRILLED BY A11		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2846-2858', Uinta	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Welex Dual Induction Guard and Density/Neutron QWP Bond log Sample	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number) 3246-3252 with 2 jet shots per foot 2846-2858 with 2 jet shots per foot		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 3246-3252 AMOUNT AND KIND OF MATERIAL USED 500 gals 7 1/2% HCL with 20 ball sealers	
33.* PRODUCTION		33.* PRODUCTION	
DATE FIRST PRODUCTION tested 12/14/84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Shut in		DATE OF TEST 12/14/84	
HOURS TESTED 24		CHOKE SIZE 22/64"	
PROD'N. FOR TEST PERIOD →		OIL—BBL. 2269	
GAS—MCF. 2269		WATER—BBL.	
GAS-OIL RATIO		OIL GRAVITY-API (CORR.)	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE →		OIL—BBL. 2269	
GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)		TEST WITNESSED BY Rex Smuin	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		35. LIST OF ATTACHMENTS Logs and Well history.	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED John P. Lockridge		TITLE President	
DATE 1/16/85		DATE 1/16/85	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Gels Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**37. SUMMARY OF POROUS ZONES:**  
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Uinta	2846	2858	Sandstone: fine to medium loose grains with gas show on mud log and mechanical logs	Uinta "B"	2824	

Report Date	Activity
10/18/84	Cement 4½" casing with 200 sacks. Dispersed with 2% KCL water. Plug down at 8:00 AM, 10/17/84. Rig down, release rig at 6:30 PM, 10/17/84. Shut-In. Waiting on completion rig.
10/19/84	Shut-In
10/20/84	Ran cement bond log with gamma ray correlation. Plug back T.D. 3352'. Wire line shows 100% bond. Set anchors for completion rig.
11/9/84	Rigged up Oil Well Service rig #25. Perforated 3246' - 3252' with 3 1/8" casing gun, 2 jet shots per foot. Total = 13. Ran 101 joints 2 3/8" tubing and set tension packer at 3187' KB. Swab well down and recovered 12.9 bbls load water. Made 2 more swab runs. No water recovery, no gas. Shut well in for night.
11/10/84	SITP 200# Acidize from 3246' - 3252', with 500 gals. 7½% HCL and 20 7/8" ball sealers. Swab. Recovered 15 bbls of load water, lacking 10 bbls of having total load recovery. Gas too small to measure. Shut well in, shut down for night.
11/11/84	SITP 1250# Bleed gas from well, Swab. Fluid level at 2900', unchanged from the night before. Put well on test through 10/64" choke, 10# FTP, gas too small to measure. Kill well and release packer. Set bridge plug at 3180'. Perforate from 2846' to 2858', with 2 jet shots per foot. Started out of hole and well blew in. Kill well, set packer at 2777'. Swab well to 2200', started flowing. Flowing gas and load water. Put well on 20/64" choke, 700# FTP, 1500 MCF/D.
11/12/84	SITP 1200# Put well on test through 24/64" choke, 650# FTP. 3280 MCF/D, and 20/64" choke, 715# FTP, 2774 MCF/D. Set bottom hole pressure survey at 2852'. Shut well in for night
11/13/84	Pull out of hole with BHP survey. Kill well. Fish for and recover perforating gun and locator collar. Make 2 swab runs and well started flowing. Flow well to pit unloading water. Shut well in, shut down for night.
11/14/84	SITP 1075# Tested through 24/64" choke. 715# FTP. 3063 MCF/D. Shut well in.
12/14/84	SITP 1050#, SICP 1025#. Rig up Rex Smuin test separator. Open well at 11:30am 12/13/84, through a 12/64" choke at 963 MCF/D: 1050 FTP. Flowed well for 24 hours through various choke sizes at rates up to 3,099 MCF/D. Average flow rate eas 2,269 MCF/D. FTP 1050# to 730#. FCP 1050# to 750#. No water or oil. Shut well in for 7-day pressure build-up.
12/21/84	SITP 965#. SICP 920# (Rex Smuin)
1/3/85	SITP 1140#. SICP 1000#. (Curley Grimlie indicates a small volume of water trapped in annulus)



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 13, 1985

John P. Lockridge Operator, Inc.  
1444 Wazee Street, Suite 218  
Denver, Colorado 80202

Gentlemen:

Re: Well No. Horseshoe Bend Fed 14-25 - Sec. 25, T. 6S., R. 22E  
Uintah County, Utah - API #43-047-31424

According to our records a "Well Completion Report" filed with this office January 16, 1985 on the above referred to well indicates the following electric logs were run: Welex Dual Induction Guard and OWP Bond Log. This office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than April 13, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

Pam Kenna  
Well Records Specialist

CLJ/clj  
CC: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File  
0123S/12

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING**RECEIVED**

APR 26 1990

DESIGNATION & SERIAL NO.  
U-48356**SUNDRY NOTICES AND REPORTS ON WELLS**  
(Do not use this form for proposals to drill or to deepen or plug back to a different formation.  
Use "APPLICATION FOR PERMIT—" for such proposals.)**DIVISION OF  
OIL, GAS & MINING**

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		2. UNIT AGREEMENT NAME	
3. NAME OF OPERATOR John P. Lockridge Operator, Inc.		4. FARM OR LEASE NAME Horseshoe Bend Federal	
5. ADDRESS OF OPERATOR 1801 Broadway, Denver, CO 80202		6. WELL NO. 14-25	
7. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SW SW 25-T6S-R22E 674' FSL & 774' FWL At proposed prod. cone		8. FIELD AND POOL, OR WILDCAT Horseshoe Bend	
9. API NO. 43-047-31424		10. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 25-T6S-R22E	
11. ELEVATIONS (Show whether DF, RT, GR, etc.) 5008 GL, 5013 KB		12. COUNTY Uintah	
		13. STATE Utah	

## 14. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

APPROX. DATE WORK WILL START \_\_\_\_\_

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Shut-in gas well</u>	
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

DATE OF COMPLETION \_\_\_\_\_

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Annual notice of shut-in gas well

\* Must be accompanied by a cement verification report.

OIL AND GAS	
DRN	
JRB	CLI
DTS	CLS
1-TAS	
2.	MICROFILM <input checked="" type="checkbox"/>
3.	FILE <input checked="" type="checkbox"/>

18. I hereby certify that the foregoing is true and correct.

SIGNED

*John P. Lockridge*

TITLE

President

DATE

4/22/90

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

RECEIVED  
JUN 15 1990  
U-48356

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		2. UNIT AGREEMENT NAME	
3. NAME OF OPERATOR John P. Lockridge Operator, Inc.		4. FARM OR LEASE NAME Horseshoe Bend Federal	
5. ADDRESS OF OPERATOR 1801 Broadway, Denver, CO 80202		6. WELL NO. 14-25	
7. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SW SW 25-T6S-R22E 674' FSL & 774' FWL At proposed prod. zone		8. FIELD AND POOL OR WILDCAT Horseshoe Bend	
		9. SEC., T., R., M. OR BLK. AND SURVEY OR AREA 25-T6S-R22E	
10. API NO. 43-047-31424	11. ELEVATIONS (Show whether DF, RT, GR, etc.) 5008 GL, 5013 KB	12. COUNTY Uintah	13. STATE Utah

14. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>

(Other) Testing

APPROX. DATE WORK WILL START 6/28/90

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>

(Other)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

DATE OF COMPLETION

15. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

This well has been shut-in for lack market since the completion of the well in 1984.

We are currently negotiating for the sale of gas from the well and plan to run a flow test of less than four hours on June 28 or 29, 1990.

The gas will flow through a 2" line to the pit area and be gauged with an orifice meter.

16. I hereby certify that the foregoing is true and correct.

SIGNED

*John P. Lockridge*

TITLE President

DATE

6/13/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS AND MININGRECEIVED  
JUN 15 1990

3. LEASE DESIGNATION &amp; SERIAL NO.

0-48356

4. NAME OF INDIAN, ALLOTTEE OR TRIBE NAME

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. NAME OF UNIT

6. UNIT AGREEMENT NAME

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR John P. Lockridge Operator, Inc.

4. FARM OR LEASE NAME Horseshoe Bend Federal

3. ADDRESS OF OPERATOR 1801 Broadway, Denver, CO 80202

9. WELL NO. 14-25

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)

10. FIELD AND POOL, OR WILDCAT Horseshoe Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 25-T6S-R22E

At surface SW SW 25-T6S-R22E 674' FSL &amp; 774' FWL

At proposed prod. zone

14. API NO. 43-047-31424

15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5008 GL, 5013 KB

12. COUNTY Uintah

13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

## SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐FULL OR ALTER CASING ☐FRACTURE TREAT ☐MULTIPLE COMPLETE ☐SHOOT OR ACIDIZE ☐ABANDON ☐REPAIR WELL ☐CHANGE PLANS ☐(Other) ☐WATER SHUT-OFF ☐REPAIRING WELL ☐FRACTURE TREATMENT ☐ALTERING CASING ☐SHOOTING OR ACIDIZING ☐ABANDONMENT\* ☐

(Other) Shut-in gas well

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

APPROX. DATE WORK WILL START

DATE OF COMPLETION

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Annual notice of shut-in gas well

\* Must be accompanied by a cement verification report.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-DMEV ✓	
2-MICROFILM ✓	
3-FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

President

DATE

6/13/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING**RECEIVED**  
JUL 30 1990

LEASE DESIGNATION &amp; SERIAL NO.

U-48356

INDIAN ALLOTTEE OR TRIBE NAME

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.)

DIVISION OF  
OIL, GAS & MININGOIL WELL ☐ GAS WELL ☒ OTHER

UNIT AGREEMENT NAME

NAME OF OPERATOR John P. Lockridge Operator, Inc.

FARM OR LEASE NAME  
Horseshoe Bend Federal

ADDRESS OF OPERATOR 1801 Broadway, Denver, CO 80202

WELL NO.  
14-25LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)

At surface SW SW 25-T6S-R22E 674' FSL &amp; 774' FWL

At proposed prod. cone

FIELD AND POOL, OR WILDCAT  
Horseshoe BendSEC. T., R., M. OR BLK. AND  
SURVEY OR AREA  
25-T6S-R22EAPC NO.  
43-047-31424ELEVATIONS (Show whether DF, RT, GR, etc.)  
5008 GL, 5013 KBCOUNTY  
UintahSTATE  
Utah

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON

REPAIR WELL

CHANGE PLANS

(Other)

APPROX. DATE WORK WILL START

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other) Shut-in gas well test(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

DATE OF COMPLETION test: 6/30/90

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

This well was tested at a maximum rate of 1,509 MCF/D during a 30 minute total open period on 6/30/90.

A test report is attached.

OIL AND GAS	
DFN	RJF
JRB	GLH
DIS	SLS
1-DME	
2-MICROFILM	
2-FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE President

DATE 7/26/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side





**COMPANY**

## Oilfield Service

**P.O. Box 790097**

Vernal, Utah 84079

**(801) 789-4591**

14-2.5

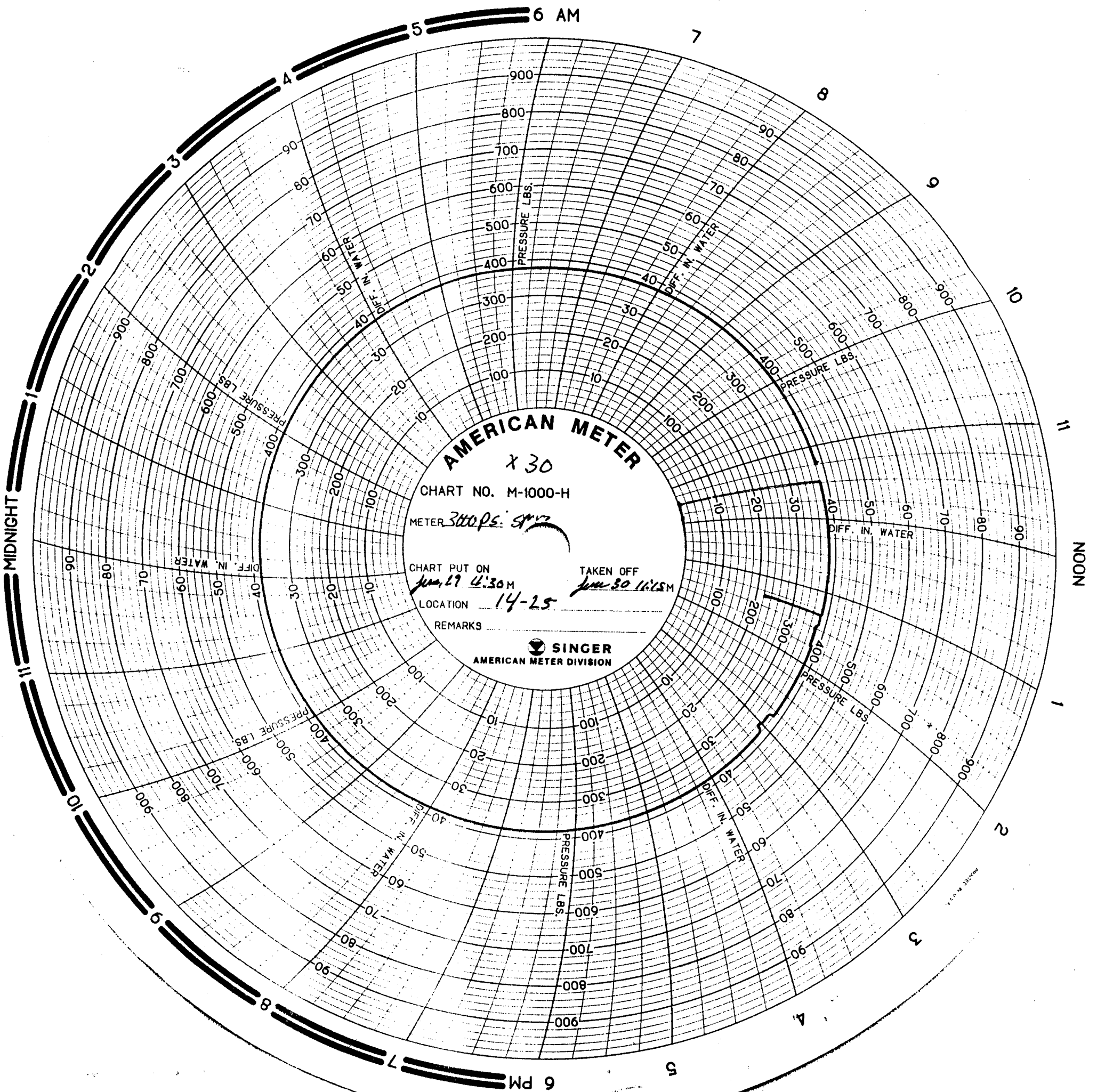
**LEASE**

COUNTY.

STATE

	Built Back up to 1140 psi when				
	shot in.				

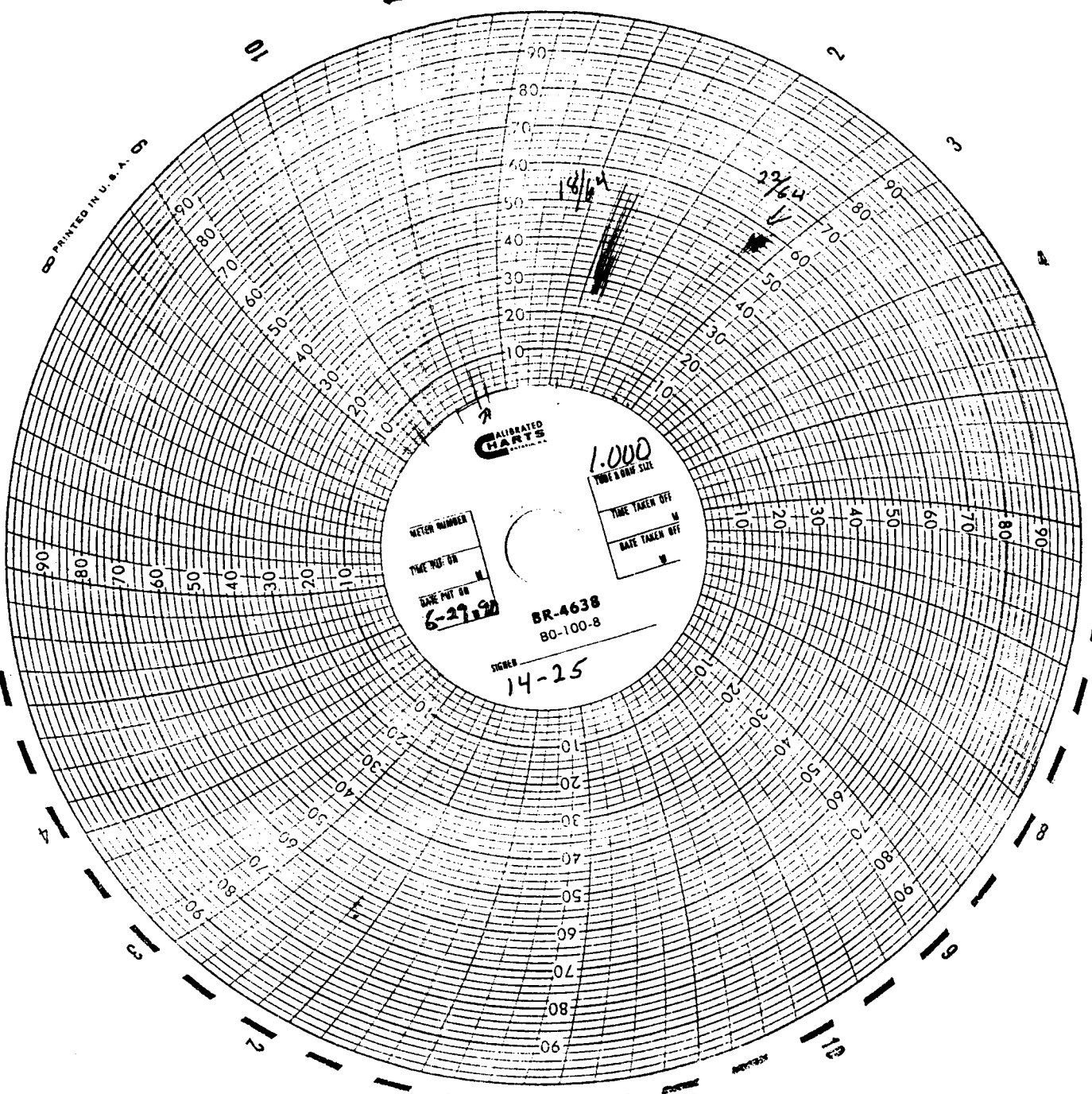
Differential Between Rubbing & casing minimal do not appear to be much water in well.



DAY

NIGHT

PRINTED IN U.S.A.



CALIBRATED HARTS

1.000  
TIME & DATE SIZE

METER NUMBER

TIME TAKEN OFF

6-22-92

BR-4638  
80-100-8

SIGNATURE

14-25

DATE TAKEN OFF

14-25

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED  
NOV 16 1990

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR  
John P. Lockridge Operator, Inc.

3. ADDRESS OF OPERATOR  
1801 Broadway, Suite 550, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
SW SW Section 25-T6S-R22E

14. PERMIT NO.  
43-047-31424 SGW

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
5008' GR., 5013' KB

5. LEASE DESIGNATION AND SERIAL NO.  
U-48356

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NET AGREEMENT NAME

ARM OR LEASE NAME

Horseshoe Bend Federal

9. WELL NO.

14-25

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 25-T6S-R22E

12. COUNTY OR PARISH 13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other) First Production

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Notice of Production

First Production: November 2, 1990.

The initial production was used to pressure test the newly constructed gas transportation line. Following the pressure test, gas production was recommenced on November 5, 1990.

Gas sold to IGI Resources, Inc.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE President

DATE 11/7/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

**JOHN P. LOCKRIDGE**  
PETROLEUM GEOLOGIST

November 7, 1990

Bureau of Land Management  
170 S. 500 East  
Vernal, UT 84078

**RECEIVED**  
NOV 16 1990

DIVISION OF  
OIL, GAS & MINING

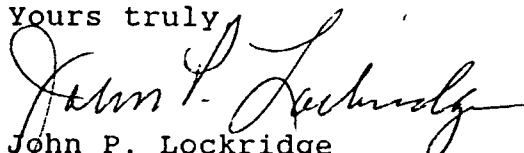
Re: Sundry Notice  
First Production  
#14-25 Horseshoe Bend Federal  
Uintah County, Utah

Gentlemen:

Enclosed please find a Sundry Notice (in Triplicate) reporting first production on the captioned well.

Your prompt consideration and approval of this Sundry Notice will be appreciated.

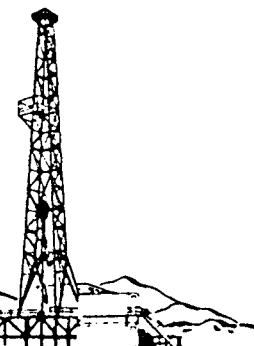
Yours truly,

  
John P. Lockridge

enclosure

cc: State of Utah  
Division of Oil, Gas and Mining  
Prima Energy Corporation  
Calais Resources, Inc.  
TBN Exploration Inc.  
S.A. Chorney  
Cardo Company  
Mercer Group

c:\wp\hsbsundr



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 01 1996

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Priority Oil & Gas LLC

3. Address and Telephone No.

633 17th Street, Suite 1520, Denver, CO 80202 (303) 296-3435

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Township 6 South, Range 22 East, SLM  
Section 25 SW/4SW/4

5. Lease Designation and Serial No.  
U-57647

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Horseshoe Bend Fed. 14-2

9. API Well No.

43-047-31424

10. Field and Pool, or Exploratory Area

Horseshoe Bend

11. County or Parish, State

Uinta Co., Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

NOTICE OF CHANGE OF OPERATOR:

Effective October 1, 1996, 100% of the working interest owners elected Priority Oil & Gas LLC as operator of the above well. Priority Oil & Gas LLC does hereby certify that it is responsible under the terms and conditions of the lease to conduct lease operations.

I certify the foregoing to be true and correct.

VERNAL DIST.

ENG. \_\_\_\_\_

GEOL. \_\_\_\_\_

E.S. \_\_\_\_\_

PET. \_\_\_\_\_

A.M. \_\_\_\_\_

John P. Lockridge Operator, Inc. (Previous Operator)

By: \_\_\_\_\_

*John P. Lockridge*

14. I hereby certify that the foregoing is true and correct  
Priority Oil & Gas LLC

Signed \_\_\_\_\_

Title Vice President

Date October 19, 1996

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title Assistant Field Manager  
Mineral Resources

Date DEC 20 1996

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

John P. Lockridge *Operator, Inc.*

3. Address and Telephone Number:

1801 Broadway, Suite 1250, Denver, CO 80202-3840 (303) 296-1500

4. Location of Well

Footages:

CO, Sec., T., R., M.: Township 6 South, Range 22 East, SLM Section 25 SW/4 SW/4

County: Uinta

State: Utah

5. Lease Designation and Serial Number:  
U-57647

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Horseshoe Bend Fed. 14-25

9. API Well Number:

43-047-31424

10. Field and Pool, or Wildcat:  
Horseshoe Bend

11.

## CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT (Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon                                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                       | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                  | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of operator</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

• Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

### NOTICE OF CHANGE OF OPERATOR:

Effective October 1, 1996, 100% OF THE WORKING INTEREST OWNERS ELECTED Priority Oil & Gas LLC as operator of the above well. John P. Lockridge *Operator, Inc.* is the prior operator and does hereby acknowledge as true and correct the change of operator to Priority Oil & Gas LLC.

RECEIVED

NOV 12 1996

13.

Name & Signature:

Title:

*John P. Lockridge* President

Date:

10/23/96

(This space for State use only)

Assistant Field Manager  
Mineral Resources

VERNAL  
MNG. ~~VERNAL~~

GEOL.

SEA.

PRG.

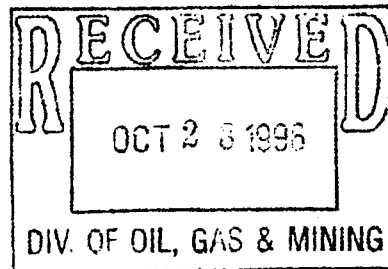
DEC 20 1996

# Priority Oil & Gas LLC

633 17th St., Suite 1520, Denver, CO 80202

Phone (303) 296-3435 Fax (303) 296-3436

October 25, 1996



State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 W. North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Re: Federal Lease: U-57647  
Wells: Horseshoe Bend Federal 14-25 and 14-35  
Activity: Change of Operator and installation of Intermitters

Dear Division of Oil, Gas and Mining:

Enclosed are Federal Sundry Notices and Reports on Wells reporting:

Change of Operator for Horseshoe Bend Federal 14-25  
Change of Operator for Horseshoe Bend Federal 14-35  
Installation of Intermittter for Horseshoe Bend Federal 14-25  
Installation of Intermittter for Horseshoe Bend Federal 14-35

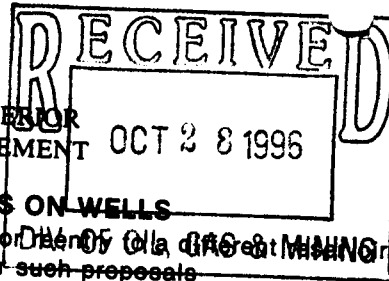
Sincerely,

A handwritten signature in cursive script, appearing to read "David A. Jones". The signature is written in dark ink and is positioned above the printed name and title.

David A. Jones  
Vice President



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or ~~change of oil, gas or water~~  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Priority Oil & Gas LLC

3. Address and Telephone No.  
633 17th Street, Suite 1520, Denver, CO 80202 (303) 296-3435

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Township 6 South, Range 22 East, SLM  
Section 25 SW/4 SW/4

5. Lease Designation and Serial No.  
U-57647

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Horseshoe Bend Fed 14-25

9. API Well No.  
43-047-31424

10. Field and Pool, or Exploratory Area  
Horseshoe Bend

11. County or Parish, State

Uinta Co., Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Installation of Intermittent  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

On September 19, 1996 an intermitter was installed to automate shut-in periods on the subject well. No changes in operation of the well are anticipated.

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Vice President

(This space for Federal or State office use)

Date October 22, 1996

Approved by  
Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (801) 781-4400  
Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3  
UT08300

December 19, 1996

Priority Oil & Gas LLC  
Attn: David A. Jones  
633 17th Street, Suite 1520  
Denver CO 80202

Re: Horseshoe Bend Fed. 14-25  
SWSW, Sec. 25, T6S, R22E  
Lease U-57647  
Uintah County, Utah

Dear Mr. Jones:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Priority Oil & Gas LLC is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT1056, for all operations conducted on the referenced well on the leased land.

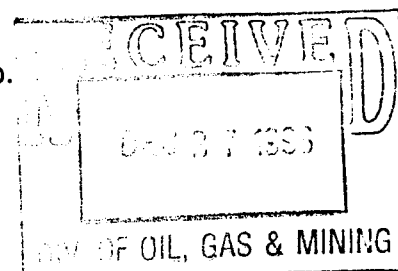
If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager  
Minerals Resources

cc: Division Oil, Gas & Mining  
John P. Lockridge  
Cardo Company  
Prima Oil & Gas Co.

Calais Resources Inc.  
Fedco Management Co.  
TBN Exploration Inc



## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-LEC	6-LEC
2-GLH	7-KDR <i>F/L</i>
3-DTS	8-SJ
4-VLD	9-FILE
5-RJF	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 10-1-96

TO: (new operator) PRIORITY OIL & GAS LLC  
 (address) 633 17TH ST STE 1520  
DENVER CO 80202

DAVID JONES, V.P.Phone: (303)296-3435Account no. N6685 (11-15-96)

FROM: (old operator) LOCKRIDGE, JOHN P  
 (address) 1801 BROADWAY STE 1250  
DENVER CO 80202

Phone: (303)296-1500Account no. N9665

WELL(S) attach additional page if needed:

Name: <u>HORSESHOE BEND 14-25</u>	API: <u>43-047-31424</u>	Entity: <u>9961</u>	S	<u>25</u>	T	<u>6S</u>	R	<u>22E</u>	Lease: <u>U48356</u>
Name: <u>HORSESHOE BEND 14-35</u>	API: <u>43-047-31426</u>	Entity: <u>9670</u>	S	<u>35</u>	T	<u>6S</u>	R	<u>22E</u>	Lease: <u>U48356</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- LEC 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 10-28-96) (Rec'd 11-6-96)*
- LEC 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 10-28-96)*
- LEC 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? *(yes/no)* no If yes, show company file number: LC016291. *(11-6-96)*
- LEC 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- LEC 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12-30-96)*
- LEC 6. Cardex file has been updated for each well listed above. *(12-30-96)*
- LEC 7. Well file labels have been updated for each well listed above. *(12-30-96)*
- LEC 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(12-30-96)*
- LEC 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A Yes 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A copy of this form has been placed in the new and former operator's bond files.
- Yes 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date 11/1/97. If yes, division response was made to this request by letter dated 11/1/97.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A Yes 1. Copies of documents have been sent on 11/1/97 to Trust Lands at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Today's date: 1-30-97.

FILING

- Yes 1. Copies of all attachments to this form have been filed in each well file.
- Yes 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

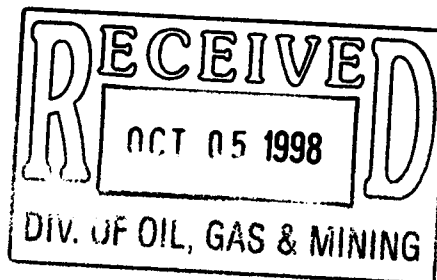
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**MOUNTAIN PETROLEUM CORPORATION**

1801 BROADWAY, SUITE 1250  
DENVER, COLORADO 80202  
(303) 296-1500  
FAX (303) 296-2029

October 1, 1998

State of Utah  
Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, UT 84114-5801



ATTN: Kristen Risbeck

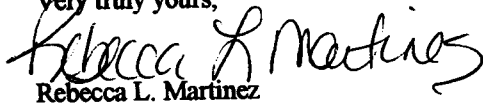
RE: Change of Operator Notification

Dear Kristen:

Pursuant to our conversation on this date, please find enclosed copies of the Sundry Notices we have filed with the BLM notifying of intent to change the operator on two wells in Uintah County, UT. It is my understanding of our conversation that we now have an account number set up with the state for production reporting (N5075). I will be filing production reports for 9/98 and will use this account number.

Please let me know what else you require to complete the change of operator procedure. I do understand that it will not be completed until it is approved by the BLM. Thank you for your help and should you have any questions, please don't hesitate to call.

Very truly yours,

  
Rebecca L. Martinez

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.  
U-57647

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Horseshoe Bend Fed. 14-25

9. API Well No.  
43-047-31424

10. Field and Pool, or Exploratory Area  
Horseshoe Bend

11. County or Parish, State  
Uintah Co., Utah

SUBMIT IN TRIPLICATE

1. Type of Well  
☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
Mountain Petroleum Corporation

3. Address and Telephone No.  
1801 Broadway, Suite 1250, Denver, CO 80202 (303) 29601500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Township 6 South, Range 22 East, S1M  
Section 25 SW<sup>1</sup>/<sub>4</sub>, SW<sup>1</sup>/<sub>4</sub>

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

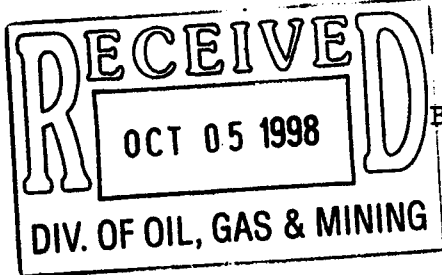
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Change of Operator	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

NOTICE OF CHANGE OF OPERATOR:  
Effective September 1, 1998, 100% of the working interest owners elected Mountain Petroleum Corporation as operator of the above well. Mountain Petroleum Corporation does hereby certify that it is responsible under the terms and conditions of the lease to conduct lease operations.

I certify the foregoing to be true and correct.  
Priority Oil & Gas LLC (Previous Operator)



By: David A. Jones  
David A. Jones Vice President

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Vice President Date 9/30/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:  
Priority Oil & Gas LLC

3. Address and Telephone Number:  
633 17th Street, Suite 1520, Denver, CO 80202 (303) 296-3435

4. Location of Well  
Footages:  
OO, Sec., T., R., M.: T6S, R22E, SLM Section 35 SW/4 SW/4

5. Lease Designation and Serial Number:

U-57647

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Horseshoe Bend Fed 14-35

9. API Well Number:

43-047-31426

10. Field and Pool, or Wildcat:

Horseshoe Bend

County: Uintah

State: Utah

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *                                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                       | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                  | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

#### NOTICE OF CHANGE OF OPERATOR:

Effective September 1, 1998, 100% of the Working Interest Owners elected Mountain Petroleum Corporation as operator of the above well. Priority Oil & Gas LLC is the prior operator and does hereby acknowledge as true and correct the change of operator to Mountain Petroleum Corporation.

13.

Name & Signature:

*David A. Jones*

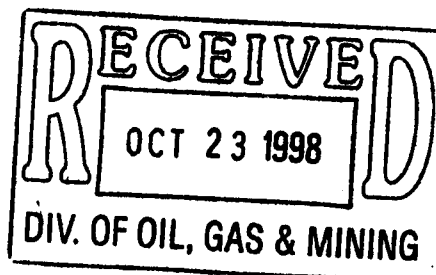
Title:

Vice President

21 Oct 1998

Date:

(This space for State use only)



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:  
Priority Oil & Gas LLC

3. Address and Telephone Number:  
633 17th Street, Suite 1520, Denver, CO 80202 (303) 296-3435

4. Location of Well

Footages:

CO. Sec., T., R., M.: T6S, R22E, SLM Section 25 Sw/4 SW/4

5. Lease Designation and Serial Number:

U-57647

6. If Indian, Altiote or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Horseshoe Bend Fed 14-25

9. API Well Number:

43-047-31424

10. Field and Pool, or Wildcat:

Horseshoe Bend

County: Uintah

State: Utah

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon                                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                       | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                  | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

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13.

Name & Signature:

*David A. Jones*

Title:

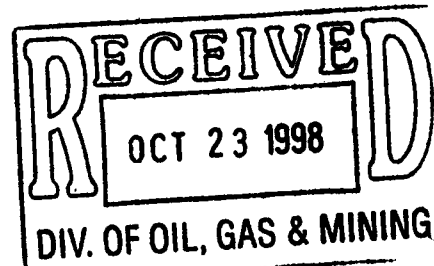
Vice President

21 Oct 1998

Date:

(This space for State use only)

(See Instructions on Reverse Side)







# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

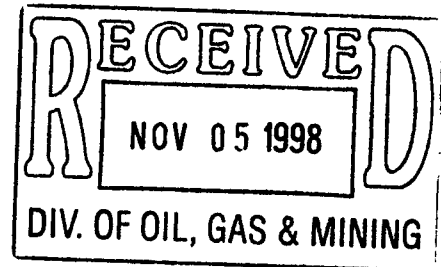
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (435) 781-4400  
Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3  
UT08300

October 26, 1998



Mountain Petroleum Corporation  
Attn: Rebecca L. Martinez  
1801 Broadway, Suite 1250  
Denver, CO 80202

Re: ~~Horseshoe Bend Fed.~~ 14-35  
SWSW, Sec. 35, T6S, R22E  
Lease U-57647  
Uintah County, Utah

Dear Ms. Martinez:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Mountain Petroleum Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT1123, for all operations conducted on the referenced well on the lease UTU-57647.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager  
Minerals Resources

cc: Priority Oil & Gas LLC  
~~U.S. DEPT. OF OIL, GAS & MINING~~



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

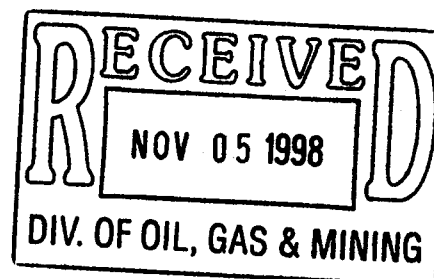
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (435) 781-4400  
Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3  
UT08300

October 26, 1998



Mountain Petroleum Corporation  
Attn: Rebecca L. Martinez  
1801 Broadway, Suite 1250  
Denver, CO 80202

Re: Horseshoe Bend Fed. 14-25  
SWSW, Sec. 25, T6S, R22E  
Lease U-57647  
Uintah County, Utah

Dear Ms. Martinez:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Mountain Petroleum Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT1123, for all operations conducted on the referenced well on the lease UTU-57647.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager  
Minerals Resources

cc: Priority Oil & Gas LLC  
Utah Div. Oil, Gas & Mining

ENTITY REVIEW

- YDP 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- YDP 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A YDP 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- + 2. A copy of this form has been placed in the new and former operator's bond files.
- + 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date 10/1/00. If yes, division response was made to this request by letter dated 10/1/00.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A YDP 1. Copies of documents have been sent on 10/1/00 to Trust Lands at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A YDP 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 10/1/00 19 00, of their responsibility to notify all interest owners of this change.

FILMING

- + 1. All attachments to this form have been microfilmed. Today's date: 10/1/00.

FILING

- + 1. Copies of all attachments to this form have been filed in each well file.
- + 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**OPERATOR CHANGE WORKSHEET**

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1-KDR ✓	6-KAS ✓
2-GLH ✓	7-SJV ✓
3-JRB	8-FILE
4-CDW	
5-KDR ✓	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 9-1-98

**TO: (new operator)** MOUNTAIN PETROLEUM CORP  
 (address) 1801 BROADWAY STE 1250  
DENVER CO 80202  
REBECCA MARTINEZ

Phone: (303) 296-1500  
 Account no. N5075 (10-1-98)

**FROM: (old operator)**  
 (address)

PRIORITY OIL & GAS LLC  
633 17TH STREET STE 1520  
DENVER CO 80202

Phone: (303) 296-3435  
 Account no. N6685

WELL(S) attach additional page if needed:

Name: <u>HORSESHOE BEND 14-35</u>	API: <u>43-047-31426</u>	Entity: <u>9670</u>	S	<u>35</u>	T	<u>6</u>	S	R	<u>22</u>	E	Lease: <u>U-57647 (FED)</u>
Name: <u>HORSESHOE BEND 14-25</u>	API: <u>43-047-31424</u>	Entity: <u>9961</u>	S	<u>25</u>	T	<u>6</u>	S	R	<u>22</u>	E	Lease: <u>U-57647 (FED)</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	_____	R	_____	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	_____	R	_____	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	_____	R	_____	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	_____	R	_____	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	_____	R	_____	_____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- ✓ 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (rec'd 10.5.98) (Sundries 10.23.98)
- ✓ 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (rec'd 10.5.98)
- ✓ 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: CO# 214300. (10.13.98)
- ✓ 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. (rec'd 11.5.98)
- ✓ 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (11.6.98)
- ✓ 6. Cardex file has been updated for each well listed above. (11.6.98)
- ✓ 7. Well file labels have been updated for each well listed above. (\*new system)
- ✓ 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (11.6.98)
- ✓ 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

(August 1999)

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

OMB No. 1004-0122  
Expires November 30, 2000

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

Mountain Petroleum Corporation

## 3a. Address

1001 Broadway  
Suite 1250, Denver, CO 80202

## 3b. Phone No. (include area code)

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SW Section 25. T6S-R22E 674' FSL & 774' FWL

## 5. Lease Serial No.

U-57647

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA/Agreement, Name and/or No.

## 8. Well Name and No.

#14-25 Horseshoe Bend

## 9. API Well No.

43 047 31424

## 10. Field and Pool, or Exploratory Area

Horseshoe Bend

## 11. County or Parish, State

Uintah Co., Utah

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

## TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

COPY SENT TO OPERATOR

Date: 8-6-03

Initials: CHD

## 14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Vince Guinn

Title

Consulting Engineer

Signature

*Vince Guinn*

Date

7/18/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

## Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date:

8/5/2003

By:

*[Signature]*

Federal Approval Of This  
Action Is Necessary

RECEIVED

AUG 05 2003

DIV. OF OIL, GAS & MINING

HSB Federal #14-25  
Sec. 25 T6S, R22E  
Uintah County, Utah

Well Data

Depth: 3,450' TD PBTD: 3,180'  
Elevation: 5009' KB: 5'  
Casing: 8-5/8", 24#, J-55 set at 223'  
4½", 10.5#, J-55 set 3,400', top of cement at 2340'.  
Perforations: 2846'-3252'  
Tubing: 2-3/8", 4.7#, J-55 EUE 8RD tubing

<u>Description</u>	<u>ID (in)</u>	<u>Drift (in)</u>	<u>Capacity B/FT</u>	<u>Burst PSI.</u>	<u>Collapse PSI.</u>
4½", 10.5#, J-55	4.052	3.927	.0159	4790	4010
2-3/8", 4.7#, J-55	1.195	1.901	.00387	7700	8100

Procedure

1. MIRU service rig. ND wellhead and NU BOP. POOH w/ 2-3/8" tbg. PU 4½" cmt ret. on wireline and TIH setting retainer at 2,820'. POOH w/ wireline. PU 3-1/8" perforating gun and TIH to 273'. Perforate 4 shot, 90° phasing. POOH and rig down wireline truck.
2. TIH w/ 2-3/8" tbg. and sting into retainer. Pump 50 sx. cmt displacing cmt. To 2810'. Sting out of retainer. Spot remaining cmt on top of retainer. POOH laying down tbg. Release service rig.
3. Pump 75 sx cmt. Displacing cmt to 260'. Cut off casing blow ground level and install dry hole marker.
4. Remove surface equipment and reclaim surface.

**SUNDRY NOTICE AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-57647
2. Name of Operator Mountain Petroleum Corporation		6. If Indian, Allottee or Tribe Name
3a. 2802 Broadway Suite 1250, Denver, CO 80202		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code)		8. Well Name and No. #14-25 Horseshoe Bend
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SW SW Section 25, T6S-R22E 674' ESL & 774' FWL		9. API Well No. 43 047 31424
		10. Field and Pool, or Exploratory Area Horseshoe Bend
		11. County or Parish, State Uintah Co., Utah

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> After Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Connect to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

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14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Vince Guinn		Title Consulting Engineer
Signature 		Date 12/5/2003
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		

**Horseshoe Bend #14-25**

October 22, 2003 MIRU Pennant Service Company Rig #21. Killed well w/ 20 bbls brine wtr. ND wellhead and NU BOP. POOH w/ tbg strapping tbg on TOH. DWC: \$1800 CWC: \$1800

October 23, 2003 MIRU Oil Well Perforators. PU 4½" cmt retainer and TIH. Stacked out at 562'. POOH. PU 3-7/8" bit on 4½" csg scrapper on 2-3/8" tbg and TIH to 2737'. POOH laying down bit and scrapper. TIH w/ retainer setting retainer at 2820'. PU perforating gun and TIH. Perforate 4 holes 4spf at 273'. POOH and rig down OWP. PU stinger on 2-3/8" tbg and TIH to top of retainer at 2820'. MIRU Big 4 Cementers. Displace hole w/ 9 ppg brine wtr. Sting into retainer and pumped 12 sx cmt below retainer and pressure increased to 2000 psig. Sting out of retainer and spot 38 sx cmt on top of retainer. POOH laying down 2-3/8" tbg. ND BOP and NU wellhead. Pumped 120 sx cmt down 4½" casing circulating up 4½" X 8-5/8" annulus. Had good cement circulated to pit. Rig down Big 4 and SDFN. DWD: \$10,926 CWC: \$12,726

October 24, 2003 MI roustabout crew. Dig out cellar to 3 feet deep. Cut off casing. Found cement in 4½" casing at 85'. Disconnect separator and Dehy. Will pour redi mix down casing on Monday. DWD: \$3,300 CWC: \$16,000

October 27, 2003 Hauled dehydrator to Sivills yard in Vernal. They will test controls prior to sale to Dark Horse Drilling. DWD: \$4,400 CWC: \$20,500

October 28, 2003 Dug out risers, anchors, and flow lines on location. Cut of same and back filled holes. Reclaimed surface pit. Pour redi mix down 4½" casing. Weld on plate. Back filled cellar. Will check w/ BLM on surface reclamation. DWD: \$1,000 CWC: \$21,500

October 29, 2003 Load out tubing and remaining equipment. Measured out sales pipeline distance. Met with BLM on surface reclamation. Will require some contouring and reseeding. DWC: \$1000 CWC: \$21,500

November 13, 2003 Moved in dozer. Recontoured location to surrounding terrain. Spread seed on location and cat walk in seed. Plug and abandonment complete. DWC: \$1,215 CWC: \$22,700

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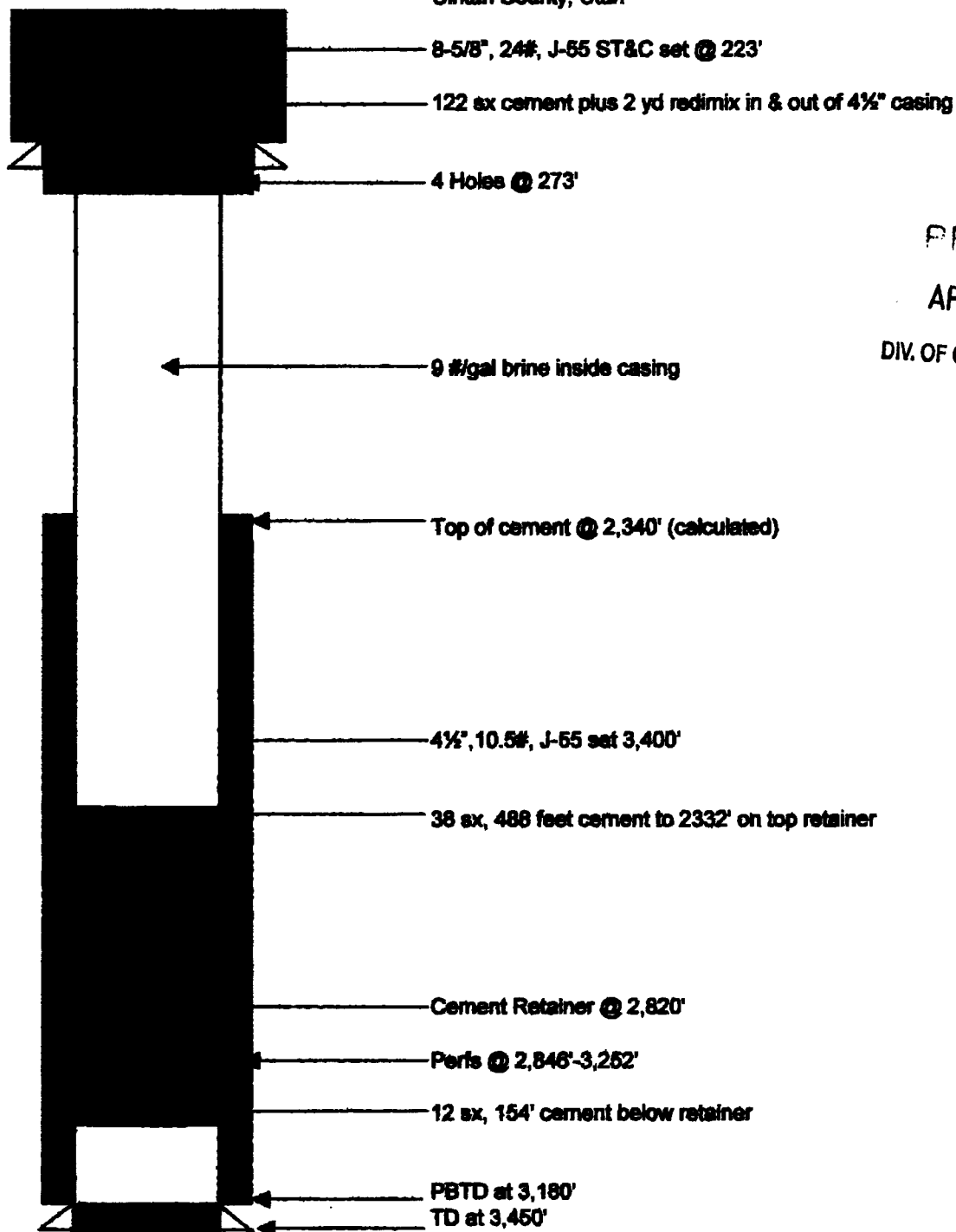
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**HORSESHOE BEND #14-25**

Sec. 25, T8S, R22E

Uintah County, Utah



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**SUNDRY NOTICE AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3100-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

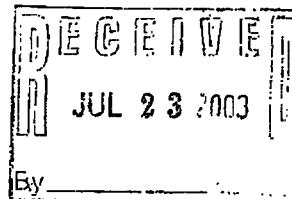
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. U-57647
2. Name of Operator Mountain Petroleum Corporation	6. If Indian, Allottee or Tribe Name
3a. <del>1400</del> Broadway Suite 1250, Denver, CO 80202	7. If Unit or CA Agreement, Name and/or No.
3b. Phone No. (include area code)	8. Well Name and No. #14-25 Horseshoe Bend
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SW SW Section 25. T6S-R22E 674' PSL & 774' FWL	9. API Well No. 43 047 31424
	10. Field and Pool, or Exploratory Area Horseshoe Bend
	11. County or Parish, State Uintah Co., Utah

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporary Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

See Back

**CONDITIONS OF APPROVAL ATTACHED**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Vince Guinn		Title Consulting Engineer
Signature <i>Vince Guinn</i>		Date 7/18/2003
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by <i>Phil Guinn</i>	Petroleum Engineer	Date 9/19/03
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		

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HSB Federal #14-25  
Sec. 25 T8S, R22E  
Uintah County, Utah

Well Data

Depth: 3,450' TD PBSD: 3,180'  
Elevation: 5009' KB: 5'  
Casing: 8-5/8", 24#, J-55 set at 223'  
4 1/2", 10.5#, J-55 set 3,400', top of cement at 2340'.

Perforations: 2846'-3252'

Tubing: 2-3/8", 4.7#, J-55 EUE 8RD tubing

Description	ID (in)	Drift (in)	Capacity B/FT	Burst PSI	Collapse PSI
4 1/2", 10.5#, J-55	4.052	3.927	.0159	4790	4010
2-3/8", 4.7#, J-55	1.195	1.901	.00387	7700	8100

Procedure

1. MIRU service rig. ND wellhead and NU BOP. POOH w/ 2-3/8" tbg. PU 4 1/2" cmt ret. on wireline and TIH setting retainer at 2,820'. POOH w/ wireline. PU 3-1/8" perforating gun and TIH to 273'. Perforate 4 shot, 90° phasing. POOH and rig down wireline truck.
2. TIH w/ 2-3/8" tbg. and sting into retainer. Pump 50 sx. cmt displacing cmt. To 2810'. Sting out of retainer. Spot remaining cmt on top of retainer. POOH laying down tbg. Release service rig.
3. Pump 75 sx cmt. Displacing cmt to 260'. Cut off casing blow ground level and install dry hole marker.
4. Remove surface equipment and reclaim surface.

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**CONDITIONS OF APPROVAL FOR WELL ABANDONMENT**Company Mountain Petroleum CorporationLocation SWSW Sec. 25 T6S R22EWell No. Horseshoe Bend 14-25Lease No. U - 57647**A COPY OF THESE CONDITIONS SHOULD BE GIVEN TO  
YOUR FIELD REPRESENTATIVE TO ENSURE COMPLIANCE**

1. This office will be notified sufficiently in advance of actual plugging work so that a representative may have an opportunity to witness the operation. If time permits, please try to notify this office at least 24 hours in advance of rigging up.
2. Prior to perforating any casing string, adequate BOPs, lubricators, and controls will be installed and function tested.
3. If paraffin or scale deposits are detected while pulling the tubing or any other production equipment out of the wellbore, hot water treatments and/or scraper runs will be conducted before placing any cement plugs.
4. Spacer fluid with a minimum weight of 9 ppg must be placed between cement plugs. It can consist of either KCL water or mud.
5. It will be left to the discretion of the BLM representative on location while plugging as to whether or not any of the plugs will need to be tagged.
6. Upon completion of the approved plugging program, a dry hole marker shall be installed in accordance with 43 CFR 3162.6(b) and clean up the site. The marker shall be a flat plate (with a weep hole) not less than 1/4 inch in thickness and large enough to contain all of the information identified below and shall be buried a minimum of three (3) foot below re-contoured surface level. Pits must be fenced unless approved otherwise by the authorized officer.
7. The following minimum information will be permanently and legibly placed on the marker with a plate, cap or welded bead:
  - A. Name of the operator.
  - B. Lease serial number.
  - C. Well number.
  - D. Surveyed description of the well; section, township and range and either footages or quarter-quarter section.

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8. Within 30 days after well bore plugging operations have been completed, Form 3160-5 (formerly Form 9-331), Subsequent Report of Abandonment, will be submitted to this office. The report must show the location of all plugs or any mechanical setting device, quantity and type of cement and additives in each plug, amount of casing or any tubulars left in the hole, methods used to test plugs and test results, and the status of the surface restoration. If a temporary delay in the removal of equipment or surface cleanup is deemed necessary, so justify in your report. This abandonment report will be approved by this office and returned with surface restoration stipulations. Liability for the well shall not be released until the surface management agency approves the actual site rehabilitation.

The Bureau of Land Management Vernal Field Office address is:

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
(435) 781-4400

For downhole concerns or approvals contact:

Ed Forsman  
Staff Engineer  
Work: (435) 781-4490  
Cell: (435) 828-7874

Kirk Fleetwood  
Staff Engineer  
Work: (435) 781-4486  
Cell: (435) 828-7875

For surface concerns contact:

Byron Tolman  
Environmental Scientist  
Work: (435) 781-4482

Greg Darlington  
Environmental Scientist  
Work: (435) 781-4476

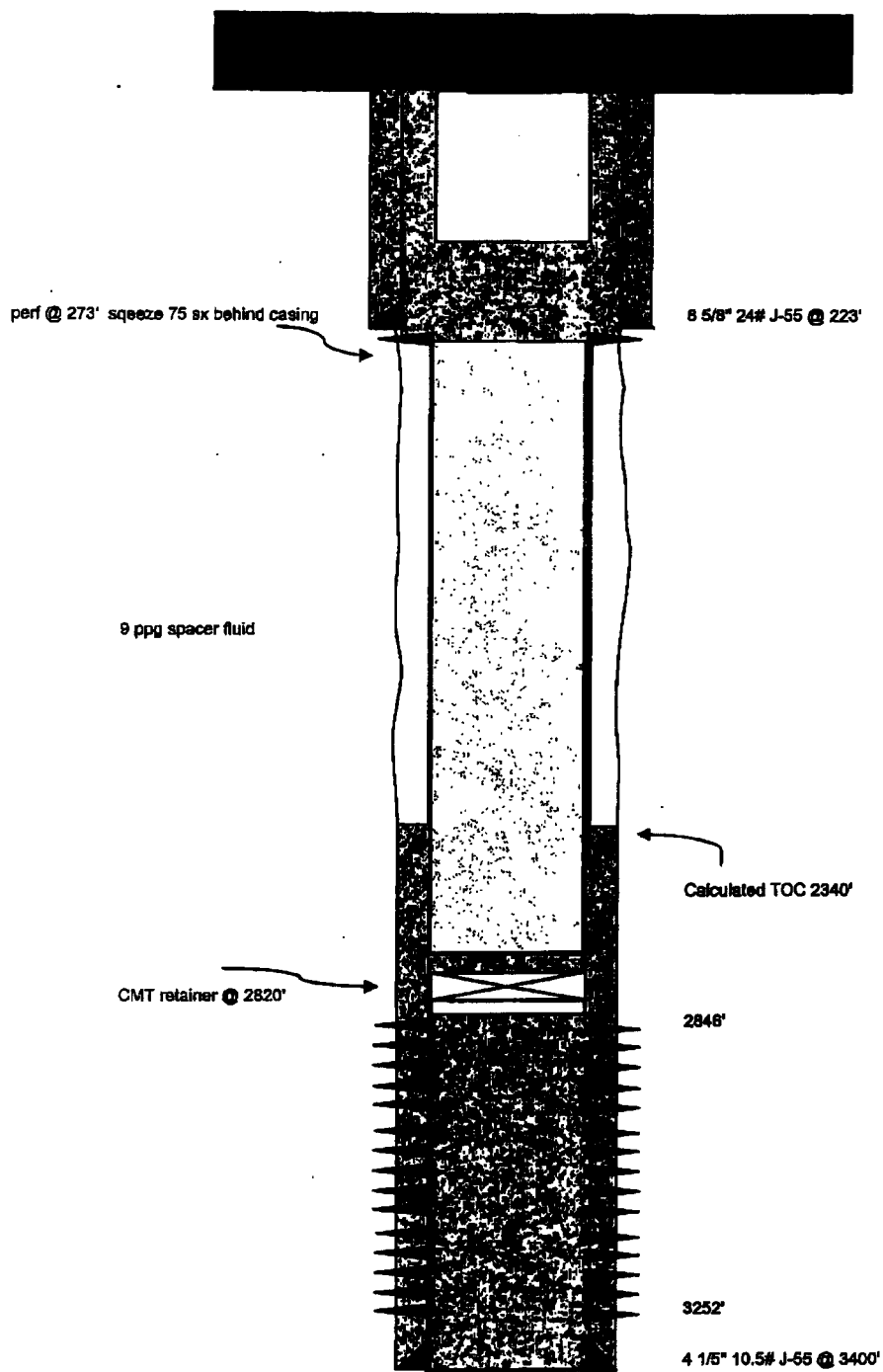
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DIV. OF OIL, GAS & MINING

COMPANY NAME Mountain Petroleum  
WELL NAME Horseshoe Bend 14-25

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DIV. OF OIL, GAS &amp; MINING

1801 Broadway, Suite 1250  
Denver, CO 80202 (303) 296-1500  
Fax (303) 296-2029

**Mountain Petroleum  
Corporation**

# Fax

**To:** Carolyn – UT Division Oil Gas & Mining **From:** Rebecca Henderson

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**Fax:** 801-359-3940

**Pages:**

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**Phone:** 801-538-5531

**Date:** 04/12/04

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**Re:** P&A reports Horseshoe Bend Fed 14-25 **CC:**  
& 14-35

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☐ **Urgent**    ☐ **For Review**    ☐ **Please Comment**    ☐ **Please Reply**    ☐ **Please Recycle**

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• **Comments:** Carolyn: Attached are the sundry notices pertaining to the plugging of both of these wells in 2003. Please let me know when I may stop submitting production reports. Thank you for you help in this matter.

Rebecca

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